



---ESTABLISHED 1822.--

# ANNUAL DESCRIPTIVE CATALOGUE



FEBRUARY 1ST, 1884.

LIERARY
NEW YORK
BOTANICAL
GARDEN

## JOSEPH BRECK & SONS,

IMPORTERS, GROWERS AND DEALERS IN

Vegetable, Field, Grass 3 Flower Seeds, &c.

New England Agricultural Warehouse,

51, 52 & 53 NORTH MARKET ST.,

BOSTON, MASS., U. S. A.



As we enter upon a new year we wish you all a happy and successful one; and Seeds being necessary for everyone when planting farm or gardens, we present this, our sixty-second Annual Catalogue, for your kind consideration. It contains many new and important additions in each of the departments: every such new addition we test carefully at our trial ground before adopting it, or recommending it to our customers. We shall never send out from our establishment any Seeds unless they are known to be of the first quality in every respect, and worthy of a place in the garden. Many of the leading varieties of Garden Seeds will be exceedingly scarce this year, the past season being a peculiar one,—heavy rains, followed by severe drought and frosts, having about ruined the crops of the following: viz., Beans, Squashes, Cucumbers, Pumpkins, and Sweet Corn; and we, therefore, would most earnestly advise all to order as early as possible, for we know it will be impossible to purchase some kinds if orders are not placed very soon.

### SOMETHING NEW.

Realizing that many of our customers in former seasons, — being disappointed because unable to purchase Joseph Breck & Sons' Flower Seeds at the country store where they were in the habit of trading, — planted such Seeds as they could obtain, with poor results, we have decided to place boxes of our Flower Seeds in nearly every village in New England; and during the coming season our customers will be able to obtain Breck's Choice Flower Seeds in their own town or city. The Seeds packed by us in these boxes are of the finest quality, and of the growth of 1883.

In our issue of 1882 we inserted in each catalogue a steel engraving of the founder of the house,—the late Hon. Joseph Breck. Since that edition was exhausted, we have had repeated inquiries for it,—many of Mr. Breck's friends who would like his picture having been unable to obtain a copy of it. We shall be pleased to furnish one of these engravings to any who may request it, either by mail or in person.

NEW YORK BOTANICAL GARDEN

SEEDS BY MAIL.

All Seeds ordered at ounce and packet rates to be forwarded by mail, will be sent free of charge for postage, on receipt of catalogue prices. For larger quantities than ounces or packets, postal charges must be added at the rate of 16 cents per pound, excepting for Beans, Corn and Peas, to prices of which charges for postage must be added at the rate of 15 cents per pint, or 25 cents per quart. This arrangement enables customers living in distant parts of the country, to procure fresh and reliable Seeds at the same prices as those living near the city.

### REMITTANCES

may be made by a *Post Office Money Order*, *Draft*, or by *Cash* enclosed in a *Registered Letter*. Small amounts may be sent in the equivalent amount of Postage Stamps.

Parties ordering Seeds should be very particular to write the address to whom they are to be sent, clearly and in full, giving first the name of the party, then the town or city, and then the county and state. The mode of conveyance should be clearly written, whether by mail, steamer, sailing vessel, railroad, or express.

### BAGS.

When bags are required for packing Seeds, the following rates will be charged:

2 bushel, 25 cents.

1/2 bushel, 15 cents.

I " 20 "

1/4 " 10 "

### VEGETABLE SEEDS.

### ARTICHOKE.

German, Artischoke. - French, Artichaut. - Spanish, Alcachofa.

Sow the seed in April, in drills an inch and a half deep, and one foot apart. Slightly protect in winter, and the next spring separate the offsets, and transplant three or four into hills, two feet between the plants, in rows three feet apart. The flower-heads are boiled until tender, and served with butter, pepper and salt, or, when very young, as sa.ad.

The success population and the success of the succe	Pkt.	Oz.	Lb.
Large Globe, the best variety.	.05	.30	\$3.00
	Qt.	Pk	Bush
when cooked have the same taste and flavor. The plant yields an im-			
mense crop of tubers, which are the richest in fat producing elements of			
any of our cultivated roots. Cultivate the same as potatoes, and take			
care to remove all the small roots, for if left in the ground they will come			
up the next spring, and may become a troublesome weed	*.25	1.50	4.00

### ASPARAGUS.

German, Spargel.-French, Asperge. - Spanish, Esparragos.

Sow the seed in April or May, in drills eighteen inches apart and one inch deep. Previous to sowing the seed, soak in tepid water for twenty-four hours. Keep the soil mellow and free from weeds, and in the following spring (not very early) transplant into permanent beds. Make trenches two feet apart and so deep that the crown of the roots will be six inches beneath the surface when leveled. Plant the roots one foot apart in the trench, covering only with about two inches of earth, and as they grow during the summer, draw the earth over them, partially filling the trench; repeat this method until the surface of the bed is even, which should always be kept free from weeds.

		Oz.	
Conover's Colossal, an improved variety of very large size	.05	.10	1.00

### ASPARAGUS ROOTS.

Colossal, two-year old roots, by express		\$7.00
" one-year " " "	.50	4.00

### BEANS. English or Broad.

German, Gartenbohne.-French, Feve de Marais.-Spanish, Haba.

English Dwarf Beans should be planted very early in our climate, as soon as the ground is workable; it delayed till late, the crop is generally overtaken by the scorehing heat, and is fast destroyed. A good stiff loam is best adapted to their growth. When about two inches high, hoe them, and draw the earth around their stems two or three times during their growth. When the pods begin to grow, break off the top of the stems; this will cause them to swell and fill up, and prevent them running all to flowers; gather them when about half their full size; boil them in plenty of water, with a little salt, and serve up as other beans.

Early Mazagan, this variety is suitable both for field and garden culture		Pk. \$1.75	
Broad Windsor, particularly valuable from its habit of ripening unequally,			
some pods being quite full, while others are in various stages of filling	.30	2.00	8.00
Long-pod Sword, this sort is also adapted either for the garden or the field.	.40	2.00	7.50

### BEANS. Dwarf or Bush.

German, Bohne. - French, Haricot. - Spanish, Frijorenano.

A succession of sowings can be made from the first week in May until September. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the plants should be about three inches apart. Hoe only when dry, as the pods will rust badly if the leaves are disturbed when wet with dew or rain.

			Pk.
Early Fejee, the earliest variety; very prolific	.20	.40	\$2:25
Early Red Valentine, early, productive, tender, succulent, and of excellent			
flavor; continues longer in the green state than most of the varieties	.20	.40	2.25

	Pt.	Qt.	Pk.
Early Mohawk, about the hardiest; will endure a slight frost, and hence val-		4	
uable for first planting; productive and excellent  Early China, very early and of fine quality; seeds white, colored and spotted	.20	•35	\$2.25
about the eye with purplish red Early Round Yellow Six Weeks, very hardy, early and prolific; seeds	.20	-35	2.25
orange yellow, with a narrow reddish brown line encircling the eye  Early Long Yellow Six Weeks, hardy and prolific; seeds pale yellowish	.20	·35	2.25
deab, with an olive-green line about the eye	.20	-35	2.25
at one end, pods crisp and tender when young	,20	-35	2.25
Turtle Soup, pods green and tender; seeds, when ripe are of a glossy black color, and, as the name suggests, much used for soup, which greatly re-	.20	·35	2.25
sembles that known as Green Turtle	.20	٠35	2.00
Red Cranberry, a stringless variety of great merit; very hardy and produc-	.20	.35	2.25
tive. Pods brittle, tender and fine flavored	.20	·35	2.25
pod transparent; waxy yellow, thick and very tender	.20	-35	2.25
except in color, which is pure white	.20	·35	2.25
longer than any other sort	.20	.40	2.50
Ivory Pod Wax, another variety of recent introduction and of great value for either the home or market garden. The vines are compact, bushy; strong growers and are without doubt the most prolific of any variety of our garden beans. The pods are fit for the table at least a week earlier than the black Wax, are long and handsome, of a beautiful, transparent, waxv-white color, and entirely stringles until nearly ripe. The ripe beans are medium sized, oval, white, and of excellent flavor. They are easily threshed, and are among the best for a shell bean for winter use, while as a snap bean it is perhaps superior to most other varieties in	.20	40	2.50
tenderness.  White Marrow,  All superior kinds, to be used in a dry state	20	.40	2.50
Improved Yellow-Eye, Red Kidney, or Chilian, for baking, also excellent as shelled beans in a green state	.15	,30	2.00

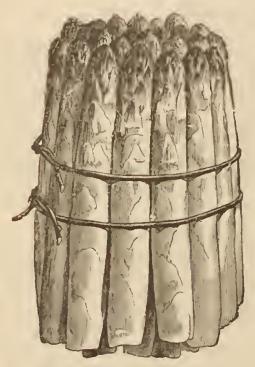
### BEANS. Pole or Running.

German, Stangen B:hne.-French, Haricots a Rames.-Spanish, Judias.

Pole Beans are generally planted in hills, about four feet apart, putting four or five beans in a hill, and leaving a space in the centre for the pole; they should not be planted till all danger from frost is past, and the Lima and Sieva not until the 20th of May in our climate, as they will not grow until the weather and ground are warm. Lima beans may be forwarded in pots and transplanted with perfect success.

With perfect success.	Pt.	Qt.	Pk.
Large White Lima, this is esteemed the best of all the pole beans, and is almost universally grown both for market and private use	.25	50	\$2.50
small, white and flat-shaped	.25	.50	2.50
Dreer's Improved Lima, the distinctive features of this variety are early maturity, large yield, and extra quality of bean. It is also claimed that it produces more shell beans to the pole than the large Lima			2.50
Dutch Case Knife, this is the earliest variety of pole beans. Pods long and flat, beans white, flat, kidney-shaped, and of excellent flavor; good green or dry	.20	.40	2.25

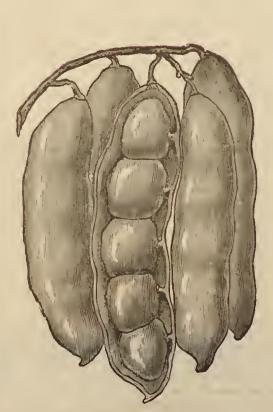
London Hortieultural, or Speckled Cranberry, a very popular variety for	Pt.	Qt.	Pk.
private garden use; early and productive; used as a green shelled bean or in a dry state.  White Dutch Runner, grows to the height of ten feet, producing white flowers	.25	.50	\$3.00
White Dutch Runner, grows to the height of ten feet, producing white howers and seed, the latter are very large and make an excellent dry baking bean	.20	.40	2.50
Searlet Runner, highly ornamental, producing dazzling scarlet flowers	.20	.40	2.50
Searier Runner, fighty ornamental, producing azzeng steringless productive		.40	2.50
Giant Wax, seed red, pods long, wax colored, crisp and stringless, productive Indian Chief, or Black Wax Pole, similar to Black Seeded Wax Drawf,			
highly esteemed as a string bean	.25	.50	3.00
Red Cranberry, one of the earliest, excellent, seed red	.20	.40	2.50
White Cranberry, very productive, seed white	.20	.40	2.50
Concord, or Parti-Colored, a hybrid variety peculiarly marked, excellent			
quality and very prolific	.20	.40	2.50
BEET.			
German, Runkel Rube.—French, Betterave.—Spanish, Betterage	·.		
G. C. A. T. A. Wildle of Tune in door rich candy loam one	inch d	leep.	or in
Sow from April to middle of June, in deep rich sandy loam, one drills about one foot apart. Thin the young plants to the distance of six or eight the vacant places with those taken out. The carly turnip rooted are the earliest transfer of the carly turnip rooted are the carly turnip ro		,	
anality. When young, the leaves make excellent greens.		Oz.	Lb.
Egyptian Turnip, the earliest beet in cultivation, color deep crimson; of ex-	.05		\$ .75
Bastian's Blood Turnip, a great favorite with market gardeners, almost as	.05	.10	₩ ./ Э
early as the Egyptian, and of a blood red color when boiled	.05	.10	.60
Early Bassano, although not maturing as early as some other sorts, this			
being much the largest of the early varieties, reaches a size in 101 the			
table among the earliest. Roots flat, turnip shape, light red. Will not			
keep well through the winter. Flesh white, circled with pink, coarse-			,
grained but tender and sweet	.05	.10	.60
Dewing's Improved Blood Turnip, roots deep blood red, of fine form and			
flavor, very early	.05	.10	.75
Early Blood Turnip, the standard early sort	.05	.Io	.60
Long Smooth Blood-Red, excellent late variety; a great improvement on the			.60
common Long Blood	.05	·io	.00
Swiss Chard, Silver or Sea-Kale Beet, this variety is cultivated solely for			
its leaves. The mid-rib is stewed and served as Asparagus, the other			
portions of the leaf being used as Spinach. If often cut, new and more	05	.10	.80
tender leaves will be reproduced	.05		
Varieties grown for feeding stock. Sow in April or May. Six to eight pour	as per	acre.	T h
Norbiton Giant Long Red Mangel Wurzel, this is a valuable variety, espec	ially	Oz.	Lb.
tar deep sous, and is immensely popular		.10	.40
Long Red Mangel Wurzel, extensively grown for agricultural purposes, produ	.cing		
roots of large size and excellent quality		.10	.40
Mammoth Long Red Mangel Wurzel, a new variety, producing roots of a	iain-		4.0
moth size with small top and of superb quality		.10	.50
Long Yellow Mangel Wurzel, differs from the Long Red only in color		.10	.40
Kinver Yellow Globe, undonbtedly the best stock of Yellow Globe Mangel in	cui-		50
tivation	duo	.10	.50
Yellow Globe Mangel Wurzel, roots of large size and globular form; very pro	due-		
tive, keeps better than the Long Red, and is better adapted for growin	ig in	7.0	40
shallow soil	abla	.10	.40
Red Globe Mangel Wurzel, similar to the Yellow Globe, except in color; suit	abic	.10	.40
for strong land	attle	.10	.40
White French Sugar Beet, a well known variety, cultivated for feeding to c Lane's Improved Sugar Beet. Mr. Lane has made great improvements in	the	.10	14.
Sugar Beet by a careful and continuous selection of roots saved for so	ed :		
yields very large and profitable crops; used only for cattle		.IO	.40
German Imperial Sugar Beet, the best variety to cultivate for sugar. The	seed		•
we offer is from the same grower whose seed we have sold to the exter	t of		
about 25,000 lbs., and which produced roots of the finest quality, as hig	h as		
20 tons per acre yielding an average of 10 per cent. of sugar. 10 msure	the		
greatest success, the seed should be planted as early in spring as the gro	una		
ean be worked for it requires unquestionably the exceedingly moist condi-	tion		
of the soil in early spring in order to freely germinate. By planting early	the		
beets pain a start over the weeds which is kept up throughout the Ecoson.	11115		
making the expense of cultivating much less than when the seed is plan	itea		
late, which enables the weeds to gain the mastery		.10	.40



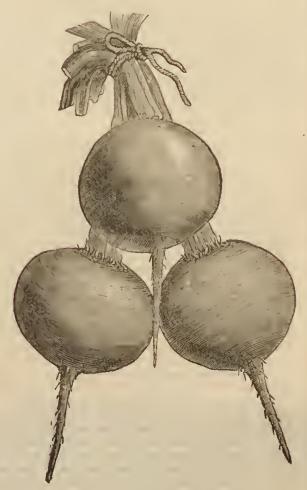
CONOVER'S COLOSSAL ASPARAGUS.



GREEN GLOBE ARTICHOKE.



DREER'S IMPROVED LIMA BEAN.



ECLIPSE BEET, (new).

### BORECOLE, or KALE.

German, Blatter Kohl.—French, Chou Vert.—Spanish, Breton.

Sow early in spring in prepared beds, covering the seeds thinly and evenly; transplant in June and treat in same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is, if its excellent qualities were generally known. The following varieties are extremely hardy, and are best when touched by

Dwarf Curled Kale, Siberian, German Greens, or "Sprouts," this variety is extensively used for early greens, for which it is sown in the fall in rows one foot apart, and treated in same manner as spinach; it is ready for use in early spring. Sowing can also be made in spring.

Green Curled Scotch, a rather dwarf variety, but spreading under good cultiva-

tion to three feet in diameter; leaves of a bright green, beautifully curled.

.10 \$ .75 .10

1.00

.05

### BROCOLI.

German, Spargel-Kohl.—French, Chou Brocoli.—Spanish, Broculi.

Generally considered as a sort of Cauliflower, but more hardy and surer to head; the seed should be sown in the early part of May and transplanted in June. In parts of the country where the thermometer does not fall below 20 or 25 degrees, Brocoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

White Cape, heads medium size, close, compact, and of a creamy white color; one .10 \$ .40 purple; it is also rather hardier, and of excellent flavor..... .40 .10 Waleheren, a valuable late variety, with very large fine heads.................. .40

### BRUSSELS SPROUTS.

German, Sprossen-Kohl.—French, Chou de Bruxelles. - Spanish, Berza de Brussela.

A tender and delicious vegetable. The plant grows two or three feet high, and produces from the sides of the stalk numerous little sprouts one or two inches in diameter, resembling cabbages. The leaves, which look like the Savoy, should be broken down in the fall to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot bed, or in seed-beds in May; transplant and cultivate like the cabbage.

Dwarf Improved, a variety producing compact sprouts of excellent quality...... .10

### CABBAGE.

German, Kopfkohl.-French, Chou Pomme.-Spanish, Kepollo.

Cabbage seed for a very early crop should be sown in a hot-bed in February or March; give

plenty of air, and thin out the plants that they may grow strong.

When the plants are four or five inches high, they should be transplanted, if the weather is mild, into the open ground in rows two feet apart and about fifteen inches apart in the row; make the ground rich and light and set them firmly; as they grow give frequent hoeings, and keep clear of weeds; those who have no hot-bed should sow in the open ground in May, which will be soon enough for an open erop.

The late varieties need not be sown until the middle of May; sow in drills or broadcast, in beds properly prepared, and thin out as soon as they are an inch high; transplant them the latter part of June, in rows two feet apart. To preserve cabbages through the winter, take them up in dry weather and plant them down to the leaves, and close together, in a dry sheltered spot. The

whole must be covered securely with straw and boards to keep off rain.

	Pkt.	Oz.	1.h.
Early Wakefield, (true Jersey variety.) This is a favorite variety with the			
market gardeners in the vicinity of Boston. It is very early, of large size			
			A
good quality and sure to lead	.10	.35	\$3.50
Henderson's Summer Early, about ten days later than the Jersey Wakefield,			
but much larger in size, will keep longer without bursting open, after head-			
ing, than any other known early variety	.10	.35	3.00
Early York, this is one of the earliest of the spring and summer varieties.		93	9
Heads small, rather heart-shaped, firm, very tender and excellent flavor.	.05	.20	1,25
Large Early York, larger and two weeks later than the Early York. It en-			
dures the heat well, and on that account is much esteemed at the South	.05	.20	1.25
Early Winningstadt, one of the best in cultivation for general use; remark-			
ably solid and hard, even in summer, keeps well in hot and cold weather.			
	0.5	20	2.00
Heads regularly conical, large	.05	.20	2.00

grows one-third out of the ground; lower part of the root white, that

Altringham, similar in form to the Long Orange, but of a bright red color, growing with the top an inch or two above ground. F'esh bright orange red, crisp and breaking in its texture; the heart, in proportion to size of root, smaller than in other varieties; a very fine sort......

above ground, green.....

.60

.60

.10

.10

.05

### CAULIFLOWER.

German, Blumen-Kohl .- French, Chou-fleur .- Spanish, Coliflor.

This vegetable is a member of the cabbage family, but, although it is more delicate, it can be grown on any soil that will grow cabbage. For an early crop, sow in September, and preserve from all frost, in sash or otherwise, and keep them in a healthy state; the following spring transplant into rich and loamy soil. Hoe and water them abundantly. As the flower heads appear, break the larger leaves down over them, or tie them gently upon the heads, to close and blanch them.

ge territorial de la company d	Pkt.	Oz.	1-4 1.b.
Extra Early Paris, this is one of the earliest and best varieties; heads large, white and compact, of fine quality	.10	\$ .50	\$2.00
Extra Early Dwarf Erfurt, a favorite variety, very dwarf, large, white compact heads, especially recommended	-20	2,00	S.00
Lenormand's Short Stemmed, a late variety, producing very large, well-formed heads of superior quality	.10	.60	2.00
Boston Market, a new and excellent very early variety, of dwarf habit, producing well-developed heads of the first quality	.10	.75	2.50
Henderson's Early Snowball, a variety held in great estimation by market gardeners for its earliness and reliability as a sure header. Tested with several other varieties, it has proved to be as early, if not earlier			
than any other sort	.25	4.00	15.00
to our climate. Stem short, leaves rather pointed and serrated. It not			
only resists the cold in winter, but the drought in summer, better than many sorts	.10	.60	2.00
Veitch's Autumn Giant, an extremely valuable late variety, entirely distinct from any other sort. The heads are very large, beautifully white, firm			
and compact, and being well protected by foliage, remain a long time fit for use. The plants should be started and transplanted early in the	***		2 #0
season to insure their full development	.10	.75	2.50

### CELERY.

German, Seleri.—French, Celeri.—Spanish, Apio.

Sow the seed in the open ground in April, or as soon as the ground can be nicely worked. It may also be sown for early fall crop, in hot-beds or house, in February and March. Sow about half an inch deep and be careful to firmly press the soil over the seed. After the seed is up, keep carefully clear of weeds, until the time of planting, in June or July; the tops are shorn off once or twice before planting, to insure "stocky" plants, which suffer less on being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to variety, setting the plants about six inches apart, and pressing the soil firmly about the roots; keep free from weeds until the plants grow strong enough to crowd them down. Earth up gradually during their growth, keeping the leaf stalks close together, so that the soil does not get between them. The soil best suited for celery is a rich, moist loam.

them. The son best suited for estary is a visity masse realis	Pkt.	Oz.	Lb.
Crawford's Half Dwarf, a remarkably fine sort, intermediate beween the dwarf and large varieties; excellent quality and valuable either for market or for			
private use	.05	\$ .50	\$6.00
Giant White Solid, of large size; white, crisp, solid, and of good quality	.05	,20	2.00
Sandringham Dwarf White, an excellent variety, remarkable for fine flavor			
and solidity	05ء	.20	2.00
Boston Market, a dwarf-growing, white-branching variety, of excellent quality,	_		
highly esteemed in the Boston market	, IO	.35	3.50
Carter's Dwarf Crimson, an excellent, compact growing variety, fine flavor,		• • •	
crisp and juicy	.05	.30	3.00
Seymour's Superb White, esteemed as one of the best; it grows to a large			
size; stalks white, round, very crisp; perfectly solid	.10	.30	3.00
Incomparable Dwarf White, a very dwarf late white, of stiff, close habit,			
solid, crisp and juicy	.10	.30	3.00
Soup Celery, excellent for flavoring	.05	.10	.50
•			

### CELERIAC, or TURNIP-ROOTED CELERY.

German, Knoll-Sellerie.—French, Celerie-rave.—Spanish, Apio raiz de Nabo.

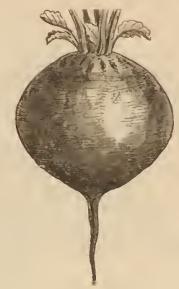
Lb.



EGYPTIAN BEET.



SCOTCH KALE.



DEWING'S TURNIP BLOOD BEET.



FOTTLER'S IMPROVED BRUNSWICK CABBAGE.



MARBLEHEAD MAMMOTH CABBAGE.



EARLY WINNINGSTADT CABBAGE.

### CHICORY.

German, Cichorie.-French, Cickorce.-Spanish, Achivoria de Cafe.

It may be sown and treated in the same manner as carrots. Utute for coffee. The root is taken up, washed, cut in small pieces	Jsed to mix w and carefully	ith, or dried.	as a s Wh	ubsti- en re-
quired for use it is roasted and ground.				Lb.
Targe rooted		105	.10	\$1.00

### CHERVIL.

Large-rooted.....

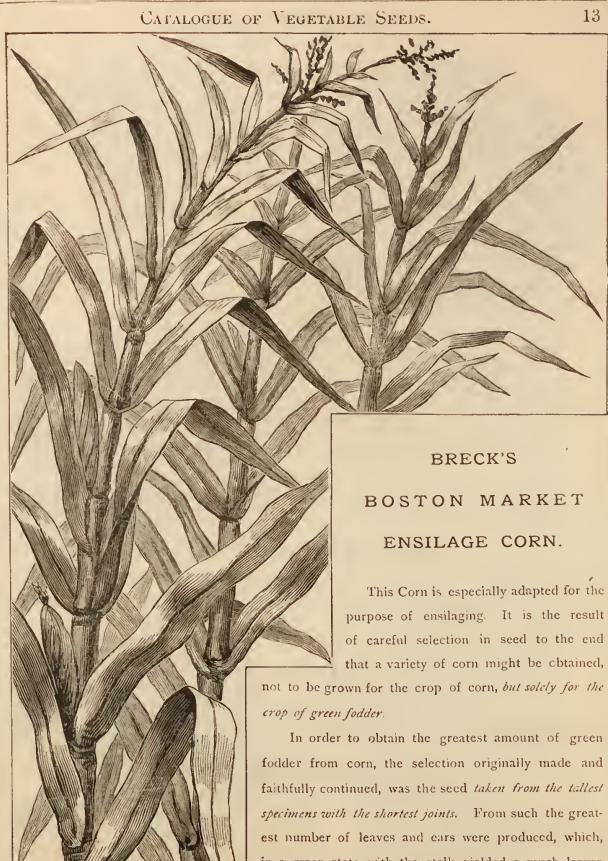
German, Gartenkerbel.—French, Cerfeuil.	Pkt	O2,	Lb.
Chervil, Curled, an aromatic sweet herb. The young leaves are used in			
soups and salads. Sow thinly in May in drills half an inch deep one			
foot apart	.05	.20	\$2.00
Tuberous Rooted, sow in March or April; after treatment same as the carrot	.10	.30	3.00

### SWEET CORN.

German, Weischkorn.-French, Mais.-Spanish, Maiz.

All varieties of Sweet Corn may be either sown in rows four and a half feet apart, and the seeds planted about eight inches in the rows, or planted in hills at distances of three or four feet each way, according to the variety grown, or the rithness of the soil in which it is planted. The taller the variety, or the rither the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May, and continue successive plantings every two or three weeks until the last week in July. In more southerly latitudes planting is begun a month earlier and continued a month later.

month earlier and continued a month later.	Ear.	Pt.	Qt.	Pk.
Early Marblehead, from ten days to two weeks earlier than any other				
known variety of sweet corn. It was tested last season with Early				
Narragansett, Early Minnesota, Early Crosby, Early Tom Thumb,				
Dolly Dutton, and others, and proved as above stated. It is very dwarf in growth, and the ears are produced quite close to the				
ground. It is without exception one of the greatest yielding corns				
cultivated, three to five ears often being produced from one kernel				
	.05	.15	.30	\$1.50
of seed Early Minnesota, very early; ears fair sized and uniform; one of the				
best	.05	.15	.25	1.25
Early Narragansett, one of the earliest, red cob, ears small, of good	0.5		0.5	1.05
quality	.05	.15	,25	1.25
ity of Boston	.05	.15	.25	1.25
Egyptian, a new sort, very large, exceedingly sweet and superior, late	.05	.15	.30	1.50
Darling's Early, one of the earliest of the tall growing varieties; ears	,		J	
long, well-formed and sweet	.05	.15	.25	1.25
Moore's Concord, ears large and well filled; early and unsurpassed for				
richness and delicacy of flavor	.05	.15	.25	1.25
variety. Kernels of fair size, white and sweet; stalks about three				
feet high; it is already a popular market variety, as it is said to be				
a week earlier than any other sort	.05	.15	.25	1.25
Stowell's Evergreen, a late variety of excellent quality, remaining longer				
in the green state than any other	.05	.15	.25	1.25
Mammoth Sugar, a late variety, produces ears larger than any other sort,			2.4	
and fine flavored	.05	.15	.25	1.25
kinds kinds.	.05	.15	.25	1.25
Potter's Excelsior, one of the sweetest and finest flavored varieties		5		
ever known, highly recommended	.05	.15	.25	1.25
Triumph, said to be the earliest of the large varieties; flavor rich and				
sweet; largely grown as a market sort	۰05	.20	.40	1.25
Evergreen Sweet Fodder Corn, for cutting green and feeding to stock this variety excels all other in tenderness, sweetness and nutriment,				
and as its name indicates, it will remain in a green and tender state				
without maturing longer than any other variety		per	r bush	., 2.50
White Southern Corn, excellent for fodder and ensilaging purposes		***	44	
				_



In order to obtain the greatest amount of green fodder from corn, the selection originally made and faithfully continued, was the seed taken from the tallest specimens with the shortest joints. From such the greatest number of leaves and ears were produced, which, in a green state with the stalk, yielded a much larger amount of green fodder than any other corn among a dozen different varieties experimented with.

Price per qt., 20 cents; half pk., 40 cents; pk., 75 cents; bush., \$2.50.

### FIELD CORN.

VARIETIES FOR FIELD CULTURE.	Qt.	Pk.	Bush.
Milliken's Prize, a large, early yellow Canada Corn, seed of which was obtained from Mr. Milliken, of Biddeford, Me., being from the same that Mr. Milliken's son planted to compete for the Stillman B. Allen \$100.00 prize for the most corn raised on one-eighth of an acre. His yield was 20 bushels and 4 pounds, or at the rate of 160 bushels and 32 pounds shelled corn per acre, and he was awarded the prize. This desirable variety grows rather a short stalk producing ears lower to the ground. It is eight rowed and of good size, the kernels being very large while			
the cob is remarkably small	15	\$ .75	\$3.00
which it yields from three to five tons an acre after the crop is harvested Pieree's Columbia, this is a celebrated improved variety of the early Canada Corn, obtained directly from Mr. Nathan G. Pierce, Westminster, Vt., who by careful and long continued selection of seed ears for planting, has obtained a corn that merits especial notice. The crop, according to the report agreed upon by a committee of three prominent farmers appointed by the Windham County Agricultural Society expressly for the purpose of ascertaining correctly, was by actual measure for one acre 132	.15	.75	2.50
bushels of shelled corn	.15	.75	3.00
Blunt's Prolific Corn is not genuine	.15	.75	2.50

### CORN SALAD or FETTICUS.

German, Lammersalat.-French, Mache.-Spanish, Macha Valerianilla.

### COLLARDS.

French, Chou.—German, Blatter Kohl.

Sow for succession from June to August, and treat as cabbage, in rows one foot apart. Price per peek, 5 cents; ounce, 20 cents; 1/4 lb., 60 cents; lb., \$2.00.

### CRESS or PEPPER GRASS.

German, Kresse.—French, Cresson.—Spanish, Mastruco.

### CRESS. Water.

German, Brunnenkresse.—French, Cresson de Fontane.—Spanish, Berro.

This is a well-known hardy perennial aquatic plant, growing abundantly along the margins of running streams, ditches, and ponds, and sold in our markets in spring. Where it does not grow naturally, it is easily introduced by planting along the margins of ponds or streams, where it increases, both by spreading roots and by seeding. It has a particularly pleasant, pungent taste, agreeable to most people. Price per pkt., 10e.; per oz., 40c.; per lb., \$4.00.



STONE MASON CABBAGE.



FARLY JERSEY WAKEFIELD CABBAGE.



AMERICAN IMPROVED SAVOY CABBAGE.



BOSTON MARKET CELERY.



CELERIAC, OR TURNIP-ROOTED CELERY.

### CUCUMBER.

German, Gurken.-French, Concombre.-Spanish, Pepino.

For an early crop sow as soon as the weather becomes warm, in hills about four feet apart. Put a large shovelful of well-rotted manure in each hill. Sow liberally, as the yellow bug will require a part, and it is best to have a surplus of plants. Sow for pickling from the middle of June to the middle of July.

June to the middle of July.	Pk	t. Oz	z. l.b.
Improved White Spine, the best table variety, also the best for forcing; grows straight and smooth, tender and of excellent quality, and a great			
beater	.05	.15	\$1.25
White Spine, a desirable sort for market or family use	.05	.10	00.1
Early Frame, an old and popular variety, of medium size, straight and hand-	.05	.15	1.25
some; excellent for pickles when young Early Russian, the earliest variety, small and short, very hardy and	.05	-15	1.25
Tailby's Hybrid, a cross between the White Spine and an English Frame	.05	.15	1.25
variety; uniformly straight and smooth; valuable for forcing Early Green Cluster, a short, very early variety, I caring in clusters near the	.05	.15	1.50
root	.05	.15	1.25
Short Green, or Gherkin, medium size, excellent for pickles when young Long Green Prickly, a very superior table variety, about a foot in length,	.05	.10	1.25
rather pointed at both ends, dark green, firm and crisp	.05	-15	1.25
Long Green Turkey, dark green, smooth, and of good quality	.05	.15	1.25
New York market gardeners; immensely productive West India Gherkin, a very small oval-shaped prickly variety, have some-	.05	.15	1.25
what the appearance of a burr. It is used only for pickling	.10	.20	2.00

### ENGLISH FRAME CUCUMBERS. For Forcing.

Sow in small pots from middle of January, in a hot-bed or hot-house. When grown to three leaves, plant out in a previously prepared hill of loose, rich soil, in the centre of the sash. Keep a temperature of 65 degrees at night, to 75 or 80 degrees, with sun-heat. Per packet, 25 cents.

Improved Sion House. Duke of Edinburgh. Blue Gown. Gen. Grant. Rollison's Telegraph. Kelway's Paragon. Marquis of Lorne. Carter's Model.

Carter's Best of All.

### DANDELION.

German, Pardeblum.-French, Pisse-en-lit.-Spanish Amargon.

The Dandelion is cultivated for spring greens, or for blanching for salad. The roots when dried and roasted, are often employed as a substitute for coffee. The seed should be sown in May or June, in drills half an inch deep and twelve inches apart and the earth firmly pressed over the seed. The plants will be ready for use the following spring.

			Lb.
American Improved	.10	.40	\$5.00
Thick-Leaved French	·10	.30	3.00

### EGG PLANT.

German, Eierpflanze.-French, Aubergine.-Spanish, Berengena.

Sow the seed in hot-beds the first week in April, care being taken to protect the young plants from cold at night. Plant out about June 1st, about two and a half feet apart. Sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or boxes in the house.

nouse.	Pkt.	Q2.	1.6.
New York Improved, the leading market variety; excellent and very productive	+10	.50	\$6.00
productive	.10	.40	4.00
Black Pekin, early, fruit jet black, round in form and very solid, and of very superior quality.	.10	.60	6.00

# NOVELTIES AND SPECIALTIES



IN VEGETABLE SEEDS FOR 1884

### ASPARAGUS,-The Hub

This new Asparagus—originated and offered by ns for the second time—has been thoroughly tested, and is considered by all who tried it as a most valuable acquisition, being grown side by side with the *Conover Colossal*, and subject to the same treatment, it came in earlier and grew more than twice as large. It is very productive, throwing up a great number of strong well-developed shoots throughout the entire season. It is tender to the stem, and of delicious flavor. It has attracted much attention in our leading restaurants, where it was placed on exhibition. A bunch of twenty-five edible shoots weighed thirteen pounds, and sold in market for \$5.00, the whole crop being sold at four times the price of any other variety. A limited quantity only of the Seed and Roots to offer.

The Hub Asparagus ...... \$0.15 \$0.30 The Hub Asparagus Roots ...... \$1.50

### BEAN.-Crystal White Wax.

A new and distinct white seeded variety, with waxy, transparent pods. It is stringless, succulent, crisp, tender, and of the richest flavor. The pods, though quick to develop, are remarkably slow to harden, and therefore retain their delicious tenderness on the bush longer than any other sort. Per pint, 20c.; per quart, 40c.

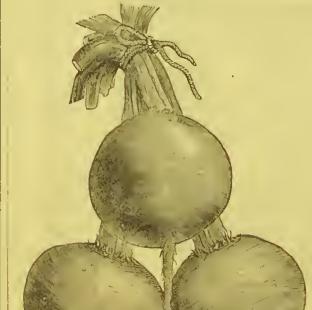


PROLIFIC TREE BEAN.

### BEAN.-Prolific Tree.

This new dwarf variety is the most prolific yet known; grows 18 inches high, branching like a tree, bearing its pods so high that they do not touch the ground, and are not injured by wet

weather; the ripe beans resemble the White Navy, but are larger and of finer flavor. They yield about 60 bushels per acre. Per packet, 15c.; per pint, 30c.; per quart, 60e.



ECLIPSE BEET.

### BEAN.—Ivory Pod Wax.

Another variety of recent introduction and of great value for either the home or market garden. The vines are compact, bushy; strong growers, and are without doubt as prolific as any variety of our garden Beans. The pods are fit for the table at least a week earlier than the Black Wax; are long and handsome, of a beautiful transparent, waxy-white color, and entirely stringless until nearly ripe. The ripe beans are medinm sized, oval, white and of excellent flavor. They are easily threshed, and are among the best for a shell bean for Winter use, while as a snap Bean it is perhaps superior to most other varieties in tenderness. Per pint, 20e.; per quart, 40e.

### BEET.—Eclipse.

This new variety was originated by one of the leading seedsmen of Germany, which we offered last season for the first time, on account of its wonderfully rapid growth, small top and extra fine quality. It somewhat resembles the Egyptian in earliness and shape, but the fact of its being more productive, better color and with smaller top, makes this new sort valuable for market gardeners. Price, per packet, 10e.; per ounce, 20c.; per pound, \$1.25.

### CABBAGE.—Peerless Early.

This new variety now sent out for the first time combines more of the qualities desired by gardeners for our Early Market Cabbage, than any other kind in cultivation. Remarkably vigorous in growth, quickly forming large, solid heads of the finest quality, and remaining longer after heading without bursting or cracking than any other variety. In a number of trials the past season by market gardeners with the most popular Early Varieties, this proved in every case much the best, giving perfect satisfaction. best, giving perfect satisfaction. Nearly equaling Jersey Wakefield in earliness, and growing twice as large (often weighing 12 or 15 lbs. each), with few loose outer leaves, thus allowing them to be set out nearer together in the rows, gaining more plants to the acre than some of the coarser growing varieties. Price, 25c. per packet; \$1.50 per ounce.



PEERLESS EARLY CABBAGE.

### CAULIFLOWER.—Snowball.

One of the very earliest and most reliable sorts. It is very dwarf, and being of compact form, heads large and of superior quality. For forcing under glass during the Winter and Spring this variety is well adapted. It may be added that this variety does equally as well for late sowing. Price, per packet, 25c.; per onnce, \$4.00.

### CELERY.—Solid Ivory.

For the first time we introduce this as a perfect type of Dwarf White Celery. Its extreme dwarf compact habit, beautiful white color throughout, its neat growth and simple cultivation, upon the surface of the ground instead of in trenches; all that is necessary in the way of earthing up can be done in a very simple manner with an ordinary hoe; a little care being taken to bring the stalks close together, to assist in its complete blanching. It is solid, crisp eating and delicious; the filbert-nut flavor is most remarkable. Per packet, 25c.

### CELERY,-White Plume.



COPYRIGHT 1883.

This season, for the first time, is introduced a new kind of Celery, that we feel satisfied will so simplify its culture that the most inexperienced can now grow Celery blanched in the proper condition for the table, just as easily as a Cabbage or Lettuce. The peculiarity of the Celery known as "White Plume" is, that naturally its stalk and portions of its inner leaves and heart are white, so that by closing the stalks, either by tying them up with matting, or by simply drawing the soil up against the plant and pressing it together with the hands and again drawing up the soil with the hoe or plow, so as to keep the soil that has been squeezed against the Celery in its place, the work of blanching is completed; while it is well known that in all other kinds of Celery, in addition to this, the slow and troublesome process of high "banking" with the spade is a necessity.

Another great merit of the "White Plume" Celery is

Another great merit of the "White Plume" Celery is that it far exceeds any known vegetable as an ornament for the table. Price, 50c. per packet.

WHITE PLUME CELERY.

### CELERIAC.—New Variegated.



NEW VARIEGATED CELERIAC.

Amongst ornamental, foliaged plants, this new Celeriac is assuredly one of the most beautiful. In general it resembles the ordinary Celeriac, but its vigorous leaves, of a deep, glossy green, are broadly edged with creamy white. This arrangement of colors makes it highly effective, especially in Autumn when the leaf stalks become a violet red. It comes nearly true from seed, giving at least 80 per cent. of variegated plants, and, moreover, it is equally as fit for kitchen use, particularly for garnishing, as the common Celeriac. Per packet, 25c.

### CORN.

### Brighton Orange Sweet.

The latest and most important addition to our list of Sweet Corn is the Brighton Orange, a variety introduced by ourselves after a long and careful selection. This new variety is the result of a cross between the Potter's Narragansett and the Moore's Early Concord. It is of an orange color, twelve rowed, three to five days earlier than the Marblehead, and is very sweet.

It is of medium height and has from three to four ears to a stalk, having a broad dark green leaf, and is a vigorous grower. Price, per packet, 15c.; per pint, 3cc.; per quart, 5cc.

### CORN.—Breck's Boston Market Ensilage.

This Corn is especially adapted for the purpose of ensilaging. It is the result of careful selection in seed to the end that a variety of Corn might be obtained, not to be grown for the crop of Corn, but solely for the crop of green fodder.

In order to obtain the greatest amount of green fodder from Corn, the selection originally made and faithfully continued, was the seed taken from the tallest specimens with the shortest joints. From such the greatest number of leaves and ears were produced, which in a green state, with the stalk, yielded a much larger amount of green fodder than any other Corn among a dozen different varieties experimented with. (See illustration page 13 of Catalogue.) Price, per packet, 75c.; per bushel \$2.50.

### CUCUMBER .- Superb Frame " Model."

The handsomest Cucumber grown. Perfect in outline, with scarcely any neck, fine flavor, also an extraordinary heavy cropper. Price, per packet, 25c.

### LETTUCE.—New Perpetual Prize.

This new variety forms a head from 20 to 24 inches across, and remains tender and crisp from four to five months from one sowing. It is of exquisite quality, and by many considered the best flavored Lettuce grown. Price, per packet, toc.; per ounce, 40c.



NEW PERPETUAL PRIZE LETTUCE.

### MELON, MUSK .- Golden Gem.

This valuable new Cantaloupe, is pronounced by all who have tried it the best ever grown. The illustration, engraved from a photograph of one of the Melons, shows their shape, which is nearly round. Their great productiveness, earliness, and superior quality, make them the most profitable variety in cultivation. Price, per packet, 100.; per ounce, 250.



GOLDEN GEM MUSK MELON.

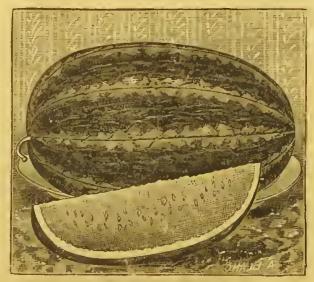


MONTREAL IMPROVED GREEN NUTMEG MELON.

### MELON, GREEN NUTMEG .- Montreal Improved.

This magnificent variety is largely grown by a few market gardeners in the neighborhood of Quebec and Montreal, Canada, from whence it takes its name. They grow to a very large, uniform size, averaging from fifteen to twenty pounds in weight. Two specimens this season weighed twenty-three and twenty-six pounds, respectively. We consider it one of the best exhibition or late market melons grown. Price, per packet, roc.; per ounce, 25c.

### MELON, WATER.—Scaly Bark.



SCALY BABK WATER MELON

This very interesting and distinct Water Melon was first exhibited at the Atlanta Exposition in 1881, where it attracted the attention of thousands by its enormous size—weighing 65 lbs.—and peculiarly mottled skin, which, although quite smooth, bears the striking appearance of being covered with fish scales. The skin is so tough that it might be called a vegetable alligator, but the rind is exceedingly thin; and possessing the characteristic of remaining for fifteen days in choice eating condition after being picked it is most admirably adapted for shipping. The flesh is light crimson, solid, hrittle and tender, while the flavor is of the finest quality. Price, per packet, 10c.; per ounce, 25c.

### MELON, WATER.—Cuban Queen.

We offer this new Melon to our customers as being the largest and finest variety ever introduced. The skin is beautifully striped dark and light green. The vines are strong, healthy and vigorous in growth; flesh bright red, remarkably solid, peculiarly luscious, crisp and sugary, and its delicious flavor is unsurpassed. It is an excellent keeper, and although the rind is unusually thin bears transit well. Price, per packet, 5c.; per ounce, 10c.

### MARKET GARDENERS' YELLOW GLOBE DANVERS ONION SEED.



ONLY ONE DOLLAR PER POUND.

The seed we offer was produced from Pure Yellow Globe Danvers Onions, selected and grown by us during the past season. Order early as we have but a limited amount of this superior strain.



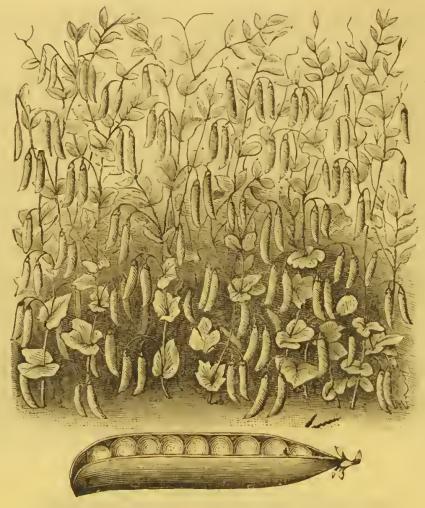
### PARSLEY.-New Fern Leaved.

Most exquisite in form and coloring, and admirably suited for mixing with dwarf ornamental foliage plants in the flower garden; also for table decoration. Per packet, 10c.; per ounce, 25e.; per lb., \$2.50.

### PEPPER.-Golden Dawn.

This new yellow mango is in size and shape the same as the Large Sweet Bell; it is very productive, in color of a bright golden yellow, excellent quality, being distinguished from all others on account of its mild flavor and beautiful appearance. Per packet, 15e.; per ounce, 30e.

GOLDEN DAWN PEPPER.



BRECK'S EXCELSIOR PEA.

### PEA.—Breck's Excelsior.

We have cultivated during the past season all the Peas our trade will require of the different sorts, and we are pleased to inform our customers, out of the twenty-two different varieties we grew, Breck's Excelsior was the earliest and most productive,—it requiring no bushing and being of a delicate sweet flavor.

Mr. C. E. Allen, of Brattleboro, Vt., speaks of it as follows: "Breck's Excelsior Pea, planted on my own grounds last year beside six other varieties, claimed to be as early, this proved five to ten days earlier, and a week earlier than American Wonder. Larger, longer and more pods, better filled out, and more peas in a pod, than any other smooth sort. For a productive, early pea for market-men or private families, none will be found to equal it. Grows from twenty to twenty-four inches high, and requires no bushing; it produced last year on one measured acre of land 250 bushels of green pods."

### Price, per ½ pint pkt., 15c.; per pint pkt., 3oc.: per quart pkt., 6oc.; per pk., \$2.50.

### PEA.—Bliss American Wonder.

One of the earliest and most prolific dwarf wrinkled peas in cultivation. The best pea for forcing under glass, and unsurpassed for early sowing. Fifteen pods have been counted on some vines, and nine large peas in some of the pods, and every pod is well filled. The vine is very dwarf, growing from eight to ten inches high

Price, per pt., 20c.; per qt., 40c.; per pk., \$2.25; per bush., \$8.00.



PEARL OF SAVOY.

### PRICE LIST OF POTATOES.

(Prices subject to Market changes.)

All orders for Potatoes, unless from regular eustomers, must be accompanied by the money. We will not send Potatoes C. O. D. Orders will be filled in rotation as soon as the weather will permit

permit.	Peck.	Bush.	Bbl.
EARLY TELEPHONE.	\$1.00	\$3.00	\$6.00
" Sunrise	1.00	3.50	7.00
" Essex	1.00	3.50	7.00
" Gem	1.00	2.50	5.00
4 Omo	·75	2.00	4.CO
· VERMONT	·75	2.00	4.00
" Rose	.50	1.50	3.50
Winslow's Seedling:	.60	1.75	3.75
St. Patrick	.60	1.75	3 7 5
Mammoth Pearl	.60	1.75	3.75
CLARK'S NO. 1	-60	2.00	4.00
BEAUTY OF HEBRON	.60	2.00	4.00
CHICAGO MARKET	.60	1.75	3.75
Belle	.75	2.00	4.00
WALL'S ORANGE	1.00	2.50	5.00
White Star	.75	2.00	4.00
Brownell's Best	1.00	2.50	5.00
PEARL OF SAVOY	·75	2.00	5.00
WHITE ELEPHANT	.60	2.50	4.50
VANGUARD	1.50	5.00	10.00

### POTATOES.

### EARLY TELEPHONE.

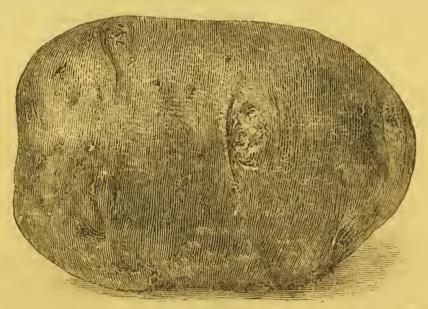
It may be described as a second early, of vigorous growth, very productive, and so far, has proved an excellent keeping variety. In shape it is an oblong round, slightly flattened at one end, and its uniform size and handsome appearance seldom fails to attract attention. The eyes are remarkably shallow and few in number; skin russety white; flesh pure white, fine grained, floury, and of excellent flavor, whether baked or boiled.



EARLY SUNRISE.

### EARLY SUNRISE.

This Potato has proved itself the earliest of all. Planted with Alpha, Rose, Vermont, Ohio and Beauty of Hebron, it was ripe in advance of any, producing potatoes fit for the table in fifty-two days from time of planting. The tubers are oblong, large, solid, uniform and handsome, flesh white, fine grained and dry, cooking well, even when first dug; very productive and of fine keeping qualities; vines dark green, good strong growers. This new variety has given more universal satisfaction than any new sort ever offered. The twelve largest potatoes in a crop grown from one pound in sixty-seven days weighed twenty-five pounds eleven ounces.



EARLY ESSEX.

### EARLY ESSEX.

This new Potato is now offered for the second time, being but five years from the seed. In size, color, and general appearance it strongly resembles the Early Rose when first introduced, while in quality, it is fully its equal, and greatly its superior in earliness and productiveness, being ten days earlier than Rose or Early Ohio.

### EARLY GEM.

This is one of the best early Potatoes we have ever grown. It is excellent in quality, of medium size, in form oval-oblong, with eyes few and shallow. In color very light pink or flesh. It cooks better than any early variety we have ever tested. Can be cooked while the vines are still green. The quality is excellent; the flesh is white, of fine grain and mealy.



EARLY GEM.

### EARLY OHIO.

This variety is a few days earlier the Early Rose, and similar in color and habit of growth. Is more productive and equally as good for the table and market purposes

### EARLY VERMONT.

This variety has proved one of the most reliable potatoes, being earlier, larger, more prolifie, and of much better quality than the Rose; cooks dry and mealy, and keeps well.

### EARLY ROSE.

This variety is so well known that it needs no description, having been in cultivation for the last ten or twelve years. Our stock is true, not the mixture generally to be found in the market.



WHITE STAR.

### WINSLOW'S SEEDLING.

This new and very promising variety originated in Essex County five years ago. Having tested it the past season with Clark's No. 1, Beauty of Hebron, and Mammoth Pearl, we find it compares favorably with these eelebrated varieties, and believing it to be one of our best varieties, we offer it to our customers this season. The tubers are large and uniform in size, of a light pink eolor, eyes shallow and well seattered over the potato. It is of excellent flavor, and possesses the very valuable quality of cooking dry and floury when but partly grown. All those who have tried it for the past two years speak of its productiveness as being unsurpassed.

### WHITE STAR.

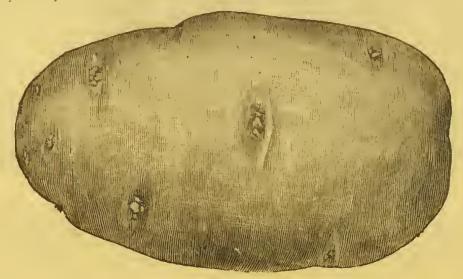
This new variety has become one of our leading sorts. It is medium early and a remarkable keeper, the vines are strong, stocky, and vigorous, foliage is dense and dark green, the tubers are oblong, large, uniform, and handsome, while in yield it has proved remarkably productive.

### ST. PATRICK.

A very handsome, white skinned variety, tubers of a medium, uniform size, with few eyes and those almost even with the surface. For table use it is excellent either baked or boiled, being dry and mealy.

### MAMMOTH PEARL.

We think that any one who tries this variety will be well pleased with its good qualities; the vines are very large and strong growing, so that in many cases they outstrip the bugs and produce a large crop in spite of them. The tubers, which ripen in August, are large, oblong, usually a little flattened, very smooth and uniform, eyes even with the surface, skin very white, flesh as white as that of any variety, and cooks as white as snow to the very centre.



CLARK'S NO. I.

### CLARK'S No. 1.

This Seedling originated in Londonderry, N. H., and has proved to be one of the best potatoes ever introduced, being earlier than the Early Rose; cooks mealy, and is of fine flavor; it is wonderfully productive, and is in great demand.

### EARLY BEAUTY OF HEBRON.

An excellent early variety, with pure white skin and flesh; large size and solid to the centre; very fine flavor and a tremendous yielder; a week earlier than the Early Rose.



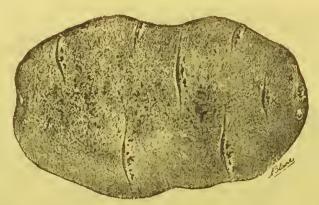
CHICAGO MARKET.

### CHICAGO MARKET.

This is one of the best Potatoes in cultivation, either for family use or for market. The tubers are large and uniform in size, growing compactly in the hill, with eyes shallow and few in number. The flesh is dry and of excellent flavor. This Potato is wonderfully productive, and succeeds well on all soils so far as we can learn. We have grown it five years with the greatest satisfaction. The skin is light flesh color, but partially covered with a russet coating. The flesh is white. Is earlier than the Early Rose.

### BELLE.

This variety was first offered to the public some two years ago, and the satisfaction it has given all who have tried it, warrants us in calling the attention of our customers to it this season. It is a stout, vigorous grower of good quality and of handsome appearance, the vines nearly covering the ground and sheltering the hills from the sun. It is an enormous yielder, with but few small potatoes. It would be well for all those who grow Potatoes to try this variety.



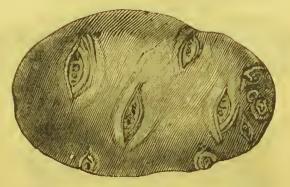
WALL'S ORANGE.

### WALL'S ORANGE.

This new Potato originated in the season of 1879, with Mr. Lyman Wall, one of the most careful and progressive farmers of Monroe County, New York, from a seed ball of the Whipple Seedling, a Potato which attained considerable local celebrity on account of its exceptional table qualities and great yielding properties. It is undoubtedly one of the best Potatoes introduced for a long time.

### BROWNELL'S BEST.

The tubers grow compactly in the hill, uniform in size, shape oblong, somewhat flattened, flesh white, fine-grained and dry; skin white, shading to russet; ripens second early, and is a large yielder.



BROWNELL'S BEST.

### PEARL OF SAVOY.

(See illustration on page 8 Novelties.)

This new variety is the result of a hybridization of the two favorite sorts, Clark's No. 1 and Extra Early Vermont, it retains the good qualities of both, and is a great improvement over either sort, the tubers of which are oblong, fair and of large size, the flesh is of a most beautiful pearl white, and very mealy, its hardy vigorous habit exempts it from disease, when many old varieties succumb; it is from fifteen to twenty days earlier than the Early Rose, and is very productive yielding from 450 to 500 bushels per aere.

We have but a limited quantity of this superior new sort, and would advise an early order from

all planting Potatoes.

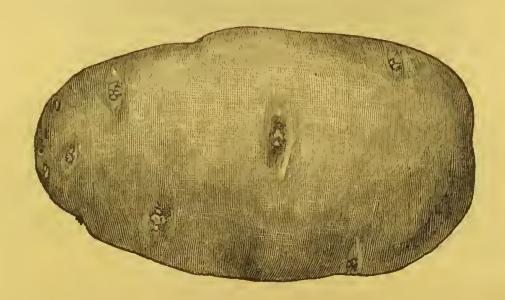
### VANGUARD.

Our illustration is considerably smaller than the average size of the tubers. The skin is white, and smooth, and indented with few and shallow eyes. In yield it equals any of the early sorts, while the quality is unsurpassed. In earliness it has in every instance when grown side by



VANGUARD.

side the earliest varieties been fit to dig never less than ten, and often twelve and fourteen days before any other sort had matured. The originators of this variety held it back until they were fully assured that it was worthy of the widest distribution, and in consequence are enabled to offer it—having accumulated a large stock – at very reasonable prices for a new variety.



### WHITE ELEPHANT.

An excellent variety, growing very large and long. Color, light pink, with a white blotch around the eyes, which are quite numerous and slightly depressed. Although tubers grow to immense size they are not hollow. Very desirable on account of productiveness and good quality.

### SQUASH.—White Pineapple.

The latest and most important addition to our list of Squashes is the White Pineapple; it is a variety unlike anything before offered. Has been kept in one family in South Jersey for a number of years. It is very peculiar and distinct in shape, with marked characteristics. The blossom end of the squash is smooth and rounded; the stem end blunt and serrated. The color of the skin is a pure creamy-white. It ripens with the Perfect Gem but can be used much sooner. It is excellent when quite young and keeps well all Winter. It is a strong grower and very prolific, yielding five to eight squashes to a vine. When put on the market it will sell at first on account of its curious appearance, when its fine quality will insure constant calls for the White Pineapple Squash. Sold only in packets. Pkt. 25c.; 5 pkts. \$1, postpaid.



ESSEX HYBRID SQUASH.

### SQUASH.—Essex Hybrid or Hard Shell Turban.

This new and very excellent Squash is a cross between the Hubbard and the American Turban having the color, shape and superior qualities of the Turban, with the dryness and hard shell of the Hubbard. It is not only one of the richest flavored, finest grained and sweetest of all the Squash family, but one of the very hest keepers we have, specimens keeping until the middle of June as sound as when gathered in the Fall. The flesh is very thick, rich colored and solid, having an extremely small cavity for the seeds. It is also one of the most productive Squashes ever introduced, often growing in pairs on the same vine, within one foot of each other, and each weighing from eight to twelve pounds. It is very early, of quick growth. Squashes have been raised from seed planted the 3d of July, in just two months from the day of planting, to weigh twelve pounds. Price, per pkt., 5c.; per oz., 10c.; per lb., \$1.00.

### SQUASH.—Perfect Gem.

The vines of this variety grow at first like those of the summer squash, and usually produce a few fruits near the root; if these are picked when green and used like summer squash, the plant will throw out her long runners, bearing a great number of squashes which may be allowed to ripen. The fruits are small, nearly round, slightly ribbed, and have a thin, smooth, creamy-white skin. The flesh is fine-grained, dry, very sweet, and of delicious flavor. It is remarkable for its keeping qualities. Price per pkt., 10 cents; per oz., 25 cents; per lb., \$2.25.



NEW EXTRA EARLY PURPLE TOP MUNICH TURNIP.

### TURNIP .-- New Extra Early Purple Top Munich.

Awarded a first-class Certificate by the Royal Horticultural Society of England.

This is a remarkably handsome and very early turnip, with a bright purplish-red top and fine mouse-tail root. Very distinct and valuable. It has been grown during the past season in the garden of the Royal Horticultural Society, at Chiswick, where it was proved to be about three weeks earlier than any other variety sown on the same day side by side with it. Price, per pkt., 5c.; per ounce, 10c.; per lb., 6oc.



ESSEX EARLY HYBRID TOMATO.

### TOMATO.—Essex Early Hybrid.

It is a cross between the Essex Early Smooth Round and Lester's Perfected Tomato, retaining the shape of the Essex but is a considerably larger tomato, and has the pink color of the Perfected, making it one of the handsomest colored tomatoes grown. It is a number of days earlier than the Essex Early Smooth, and always ripening all over alike, leaving no green spots around the stem, as some other kinds of tomatoes do. The flesh being very hard and solid makes it one of the best tomatoes for shipping or marketing there is, as it will keep a considerable while after being ripe without rotting, which is a great benefit to those who follow the market. This tomato has been exhibited for the last four years at the Fair of the Essex County Agricultural Society, and has taken the first premium each year, in competition with the Acme and other varieties. It is very productive, and a vigorous grower, fruits very evenly on the vines, without any rough fruit, bearing hardly ever any fruit which is not fit for the market. Per pkt., Ioe; per ounce, 40c.; per pound, \$4.00.

### WELCOME OATS.



THE WELCOME OATS were sent out last season, for the first time, to the large and extended parts of the agricultural fields of our country, and have proved beyond all doubt to be the HEAVIEST, HANDSOMEST, AND MOST PRODUCTIVE VARIETY OF OATS ever introduced.

These Oats usually grow from five to six feet high, with strong, straight straw, well supporting the enormous heads,—therefore not liable to be prostrated by wind or rain. The heads are very large and handsome, branching freely, and are from sixteen to twenty or more inches in length. The grain is very large and plump, with thin, white, close-fitting husks. They weigh, to a struck, measured bushel, 47 to 51 pounds. Their uniform success in every part of the country proves their adaptability to our varied climate, while their early maturity renders them specially valuable.

PRICES.—Per pkt., 15 ets.; per lb., 75 cts.; per 3 lbs., \$2.00, post-paid; per peck, \$3.00, per bush. (32 lbs.), \$10.00.

### ENDIVE.

German, Endivien.-French, Chicoree. -Spanish, Endivia.

Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way, in August and September. It requires no special soil or manure, and after planting is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. Gather up the leaves and tie them by their tips in a conical form with bass matting. The inner leaves, in the course of from three to six weeks, according to the temperature at the time, become blanched.

	Pkt.	Oz.	Lb.
Moss Curled, a beautiful curled variety of fine quality	.05	.25	\$2.50
Broad Leaved Batavian, (Escarolle). Chiefly used in soups and stews; re-	-	-	-
quires to be tied up for blanching	.05	.20	2.25
Green Curled, very hardy; leaves dark green, tender and crisp	.10	.25	2.50
White Curled, leaves pale green; should be used when young	.IO	.35	3.50

### GARLIC.

German, Knoblauch.- French, Ail.-Spanish, Ajo.

A species of onion propagated by off-sets; used for flavoring soups, stews, and other dishes. Divide a bulb into small parts and plant them in early spring, in rows one foot apart, and from one to five inches between the plants in the rows. The erop matures in August, when it is harvested like the onion.

Garlic Sets......Per lb., 40e

### KALE. See Borecole.

### KOHL-RABI.

German, Kohl-Rabi.-French, Chou-Rave.-Spanish, Col de nabo.

Kohl-Rabi, or Turnip-Stemmed Cabbage is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb somewhat resembling a turnip; this again is erowned with leaves. The edible part is the bulb, which is dressed and served like turnips, and is very delicate and tender. The seeds may be sown at the same period as the Swedish or Ruta Baga Turnip, and may be cultivated in the same way, remembering to leave the chief part of the stems uncovered by the earth. The bulbs may be kept sound and nutritious until late in the spring—even later than those of the Swedes.

Early White Vienna, flesh white and tender; the best market sort, excellent	Pkt.	Oz.	Lb.
for table use	05	20	\$2.50
Early Purple Vienna, differing from the above in color, which is of a bluish	.03	.50	\$3.50
purple	.10	.30	4.00

### LEEK.

German, Lauch.-French, Poireau.-Spanish, Puerro.

Sow in April on a well-prepared piece of ground and transplant in June into rows fifteen inches apart, and four or six inches from each other in the rows. Hoe up the earth about the stems as they continue to grow so as to blanch them and make them tender. Cutting off the tops of the leaves three or four different times in the season is beneficial, as it makes them throw out new heart leaves. The soil should be rich but not fresh manured.

			J.b.
Large Flag, (imported), a large growing variety, with broad, thick leaves	.05	.25	\$2.00
Giant Carentan, a mammoth growing variety of excellent quality	.10	.30	300
Musselburgh, grows to a large size			

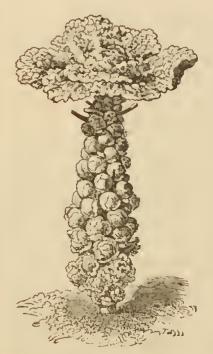
### LETTUCE.

German, Lattich-Salad.—French, Laitue.—Spanish, Lechuga.

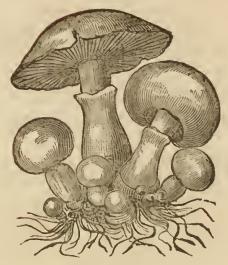
Lettuce is easy of cultivation, but likes a good, rich soil. For early use sow under glass in February and March, and transplant in a well-prepared bed as soon as the ground can be worked. Later sowings may be made in the open ground, at intervals of two weeks, for succession, as long as the weather permits; thin out well and set in rows two feet apart and a foot between the plants. Lettuce requires good ground and abundant moisture.

•	Pkt.	Oz.	Litt.
Green Fringed, a new variety, of a delieate and peculiar shade of green, pro-			
ducing an abundance of tender leaves fit for use nearly all summer. It			
is very ornamental on the table, and desirable for market or family use	.10	.30	\$2.00

American Gathering Head, of recent introduction, proving very desirable; it somewhat resembles the cabbage variety, growing to immense size;	Pkt.	Oz.	Lb.
remaining very tender and crisp throughout the entire season. It has an exceedingly pleasant flavor, and with its curled light green leaves edged with violet, forms a beautiful and ornamental object	.10	.30	\$2.00
Early Curled Simpson, an improved variety of the Silesia, and an excellent sort for forcing, or for early out-door culture	.05	.20	2.00
among Boston market gardeners for summer growing	.05	.30	3.00
compact, and is beautifully white and crisp; the best for forcing  Large White Summer Cabbage, excellent for summer; heads of good size,	.10	.50	7.00
close and well formed	.05	,20	2.00
of the best summer varieties	.05	.25	5.00
All the Year Round, a hardy, crisp eating and compact growing variety, with small close heads of a dark green color; an excellent summer lettuce,	Ü		
and valuable for forcing	.05	.25	2.00
should be tied up to insure blanching	.05	.25	2.50
white within; endures the summer heat well	.05	.30	2.50
winter use	.05	.30	3.00
MARTYNIA.			
The seed pods are used for pickling, and should be gathered green while tenopen ground in May, and transplant two feet apart.			in the
Martynia Proboscidia	Pkt. .05	0z. .40	\$4.00
MUSK MELON.			
German, Melone.—French, Melon.—Spanish, Melon.			
Melons like a moderately enriched light soil. Plant late in spring in hills thoroughly rooted compost, five or six feet apart each way, twelve or fifteen seed when well up thin out three or four of the best plants. Pinch off the ends of growth becomes too luxuriant, it will strengthen the vine and cause the fruit to r	s in ea the sl	ich hi loots a	ll, and as the
Green Citron, fruit medium size, deeply netted, flesh green and of a rich deli-	.05	.10	\$1.00
Nutmeg, fruit nutmeg shape; skin green deep, finely netted; flesh greenish yellow, rich and sugary	.05	.10	1.00
Early Christiana, green with yellow flesh. It is ten days earlier than the Nutmeg, of fine flavor, and a most excellent sort. It is very early, which renders it particularly valuable for a Northern climate	.05	.10	1.00
Skillman's Netted, form roundish oval; flesh deep green, sweet and richly perfumed; an early and delicious variety	.05	.10	1.00
Pineapple, medium size, dark green oval, netted, flesh thick, sweet and juicy Casaba, a large variety of delicious flavor; one of the finest varieties grown	.05	.10	1.00
White Japan, an early medium-sized roundish variety; skin cream white and fine flavored	.05	.10	1.00
Large Yellow Cantaloupe, flesh reddish orange, sweet and of good flavor; an early and productive variety.	.05	.10	1.00
Large Yellow Musk, a very large variety, deeply ribbed and thickly netted; flesh salmon yellow, thick and sweet. Used in the green state for			
"Mangoes."  Surprise, this is a new variety and noted for its fine musky flavor; medium size, flesh bright yellow and comes highly recommended from persons	.05	.10	1.00
who have grown it	.10	.25	2.00
sort; very popular among market gardeners	.05	.10	1.50



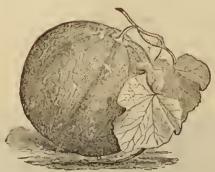
BRUSSELS SPROUTS.



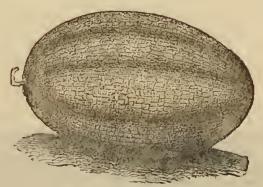
MUSHROOM.



CASABA MUSK MELON.



SURPRISE MUSK MELON (new).



GREEN CITRON MUSK MELON.

	Pkt.	Oz.	Lb.
Bay View Hybrid. The introducer says "that it is the largest, most prolific, best flavored and finest cantaloupe grown. With ordinary cultivation it will grow from 10 to 15 lbs., in weight, while with extra cultivation it will weigh 17 to 20 lbs., with a length of from 16 to 18 inches. In quality and flavor it excels all other varieties of cantaloupes. It is peculiarly luscious and sweet. It will yield from 3000 to 4000 melons, or from 15 to 20 tons or more to the acre. It is the most hardy melon known. The leaves measure eight inches in diameter, and the vines will grow 12 to 15 feet or more in length. As a market melon, wherever introduced it sells at extra price on account of its beauty, size and fine quality. It is only			
about five days later than the small Early Jenny Lind. It can be picked quite green, will ripen up finely and carry safely for a long distance."  Hackensack, the most popular variety of Musk Melon grown by market gardeners in this vicinity. It attains a large size, is round in shape and flattened at the ends; is of most delicious flavor and wonderfully productive. It somewhat resembles the Green Citron, on which, however,	.05	.10	\$1.25
Burpee's Netted Gem, in shape it is almost a perfect globe, growing remarkably uniform in size, weighing from 1½ to 1¾ pounds each. It is thick meated, the flesh being light-green in color and uniformly of fine, luscious flavor; skin green, regularly ribbed and thickly netted. It is almost as solid as a cannon ball, and will keep well five to seven days after picking. It is also extra early in ripening—no variety being earlier, and far surpasses in uniformity of shape, delicious flavor, handsome appearance, productiveness and fine keeping qualities, any other small musk		.10	1.50
melon, and cannot fail to prove the most profitable that can be raised	.10	.25	2.00

## MELON, WATER.

French, Melon d' eau. German, Wassermelone. The Water Melon is a tropical fruit, and can be produced to perfection only on warm, light soil, and under a bright hot sun. Although the finest melons are produced on light sandy soil of pure quality, a vigorous start for the young vines is necessary, and for this we need a hill of rich earth, similar to that for cucumbers. If very large fruit is desired, pick off all but one of the fruit Phinney, a bright red flesh, sweet, tender and well-flavored; fine market \$1.00 .10 Gipsey, a very superior variety; oblong, light green, beautifully mottled and striped with white; flesh scarlet, very solid and of delicious flavor; one -75 of the best market varieties..... Black Spanish, round, very dark green, with scarlet flesh and black seeds. .So Very thin rind, rich sugary flavor..... .05 .10 Mountain Sweet, one of the very best for general culture; color dark green, .So riod thin, flesh scarlet, solid, very sweet and delicious..... .05 .10 Mountain Sprout, or Long Carolina, a large, long, striped variety, with .10 .80 .05 bright scarlet flesh and drab-colored seeds..... Ice Cream, medium size, nearly round, color pale green, white seed, thin rind; flesh solid, scarlet, crisp, of delicious flavor..... .05 .10 1.50 Vick's Early, a long, smooth, rather small variety, highly prized for its earliness; oblong in shape, size medium, flesh bright pink, sweet and solid... .10 1.00 .05 Apple Pie Melon, when stewed and made into pies, it is an excellent substitute for apples. Keeps till May. Directions for cooking accompany .20 1.50 bled with light green; flesh white and solid, seeds red..... .So .10 Cuban Queen, this is certainly the largest and finest variety ever introduced. The skin is beautifully striped dark and light green. The vines are strong, healthy and vigorous in growth; flesh bright red, remarkably solid, peculiarly luscious, crisp and sugary, and in delicious flavor is unsurpassed. It is an excellent keeper, and, although the rind is unusually 1.50 thin, bears transit well..... 01. Persian, pale green with dark strips; crimson flesh, of fine texture, and delicious flavor; can be taken off the vine to ripen and will keep till winter. 1.50 .05 .10 Excelsior, resembles the Mountain Sprout, being beautifully marked with bright green stripes. The flesh is a bright red, very delicate and sweet, 1.50 .15 .25

dium size, thin rind, light mottled green; flesh bright scarlet, solid to the centre, crisp, melting and sweet as honey.....

.10

1.00

#### MUSHROOM.

German, Champignon.-French, Champignon.-Spanish, Hongo.

Mushrooms may be cultivated much easier than is generally supposed. They may be grown in a cellar or shed, or in beds prepared in the open air in the same manner as hot beds. Take fresh horse manure, add to every barrow load about the same weight of fresh loam that has not been manured, shake the whole well apart, and lay it into a heap to ferment. Turn and mix it well every three or four days, by shaking together the outside of the heap which is cold, and the inside which is hot, so that every part of it may be equally fermented and deprived of its noxious quality. When the dung is in a fit state to be made into a bed, which will be in two or three weeks after it has been put together to ferment, select a dry spot for a foundation. Mark out the bed, which should be four feet wide, and as long as you choose to make it. In making the bed first spread over it a thin layer of the prepared dung; pound this firmly down with a brick, then another layer pounded down as before, and so on until the bed reaches a depth of eight inches, no more and no less. In this state it may remain until the temperature is about 74 degrees. Divide the large cakes of spawn into small lumps, plant two inches below the surface six inches apart, let it remain in this condition ten or twelve days, then cover with two inches of fine light soil, and press down evenly and protect from heavy rains. The mushrooms will make their appearance in from four to six weeks, according to the season. After the bed has been spawned do not water unless quite dry; use lukewarm water only, Price, 15 cents per pound; 8 pounds for \$1.00 in bricks; by mail, 30 cents per pound.

MUSTARD.

German, Senf. - French, Montarde. - Spanish, Mostaza.

Cultivated as a salad. The leaves are used like cress, when very young. Sow thickly in rows at different times from April to June, and cut when about two inches high; for use during winter, it may be sown at intervals in boxes, in the green-house, or in a frame.

White London,:	.05	\$ .20
Brown or Black, more pungent in flavor than the white	٠٥5	.20
flavor pleasantly sweet and pungent, and profitable as a salad	.15	.50

## NASTURTIUM, or INDIAN CRESS.

German, Indianische Kresse.-French, Capucine.-Spanish, Capuchina.

Cultivated both for use and ornament; the seeds, while young and succulent are pickled and used as capers. The young leaves are also useful in salads. Its beautiful scarlet and orange colored flowers, which bloom freely all summer, add a charm to the garden.

			1,17.
Tall, excellent for covering fences, trellis work, &c			
Dwarf, good for borders	٠٥5	,20	2.50

## OKRA, or GUMBO.

German, Essbarer.-French, Gumbo.-Spanish, Quibombo.

This vegetable is extensively used wherever its merits are known; its long pods, when young, are used in soups, stews, etc., and are believed to be very nutritious. It is of the easiest culture, and grows freely, bearing abundantly in any ordinary garden soil. Sow early in May, in drills two inches deep, setting the plants from two to three feet apart.

			Lb.
Improved Dwarf Green, early and productive	.05	.10	\$1.00
Tall White, about six feet high; pods eight to ten inches long, an inch and a			
half thick at the stem tapering to a point	.05	01.	1.00

#### ONION.

German, Zwiebel.-French, Ognon.-Spanish, Cebolla.

The Onion is one of the best products of the garden. It thrives best in a rather strong, deep, rich, loamy soil, and succeeds well when cultivated on the same ground for successive years. The ground should be well enriched with very old stable manure or compost, or what is better, deeply trenched and manured the previous autumn, and laid upon ridges during the winter to soften. As early in spring as the ground is in working order, level the same with an iron rake, and tread

it firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and finish by pressing the earth well upon the seed with a board laid lengthwise on the row and walking across it. When the young plants are strong enough, thin gradually, so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking eare not to stir the soil too deeply or to collect it about the growing bulbs.

and the second of the second o	Pkt.	Oz.	Lb.
Early Large Red, this variety ripens about ten days earlier than the Large Wethersfield, and is rather smaller in size but close-grained and heavy; it is mild in flavor, a good keeper, and in all respects an excellent variety Large Red Wethersfield, of large size, deep in color, and an excellent	.05	.10	\$1.00
keeper	.05	.10	1.00
Red Globe, a fine globe shaped onion of superior quality	.05	.15	1.50
Yellow Danvers, a very excellent variety of globular shape, flesh white and mild flavored, skin brownish yellow. It is very productive and a good		3	
White Portugal, a handsome onion of mild flavor, fine for early winter use,	.05	.10	1.00
and much used for pickling when small. It is not a good keeper White Globe, similar to the preceding in shape, skin white, mild and pleasant	.05	.25	3.00
New Queen, early, a silver-skinned variety of quick growth and remarkable keeping qualities. If sown in the spring it will produce onions from one to two inches in diameter early in the summer, and if sown in July it will	.05	.25	3.00
be ready to pull late in the same year, and be sound and fit for use until the following summer	.05	.25	3.00
three and one-half pounds	.05	.30	2.50
keeping quality  Large White Italian Tripoli, a new and excellent variety of quick growth	.05	.30	3.00
and mild flavor	.05	.30	3.50
white-skinned Italian variety, and an excellent keeper	.05	.30	3.00
States; a good keeper and well flavored	.05	.10	1.00

### ONION SETS.

The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows one foot apart, with sets three or four inches apart. When raised from sets, the onions can be used in the green state in June, or they will be ripened off by July. Sets are produced by sowing the seed as early as the ground can be worked in the spring, very thickly in beds or drills; and about the middle of July, or whenever the tops die down, the small bulbs, or sets, are gathered and kept spread thinly in a cold, dry cellar or loft, until the following spring. The Potato and Top Onions are grown only from bulbs.

the yearns and year year.	Qt.	Pk.
White Onion Sets,	.40	\$2.00
Yellow Onion Sets	.30	2.00
Potato Onions		
Top, or Button Onions		

## ORACHE, or MOUNTAIN SPINACH.

German, Garten melde.—French, Aroche.—Spanish, Espinaca.

This plant flourishes best in a rich, moist soil, in open ground. The seed may be sown about the end of September, and again in the spring for succession, in drills six inches apart. When the seedlings are about an inch high thin them to six inches apart and those removed may be planted out at the same distance in a similar situation, and watered occasionally if needed, until established. The leaves must be gathered for use while young, otherwise they will be worthless and stringy. One ounce will sow one hundred feet of row. The leaves of the Orache are cooked and eaten in the same manner as spinach, to which it is preferred by many persons.

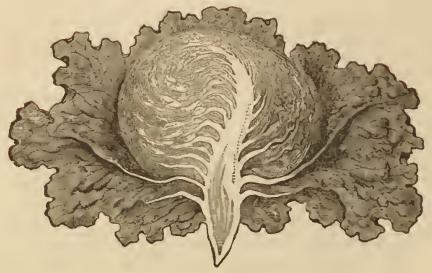
Pkt. Oz. Lb.

#### PARSNIP.

.15 \$1.50

German, Pastinake.-French, Panais.-Spanish, Pastinaca.

Sow thick in April, in rows twelve inches apart and one inch deep, in a rich deep soil well manured the previous fall, or with fine dung early in March. When the plants are two or three inches high, thin out to five or six inches apart in the rows. Unlike earrots they are improved by



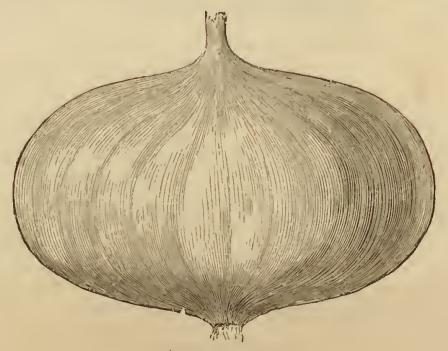
HANSON LETTUCE.



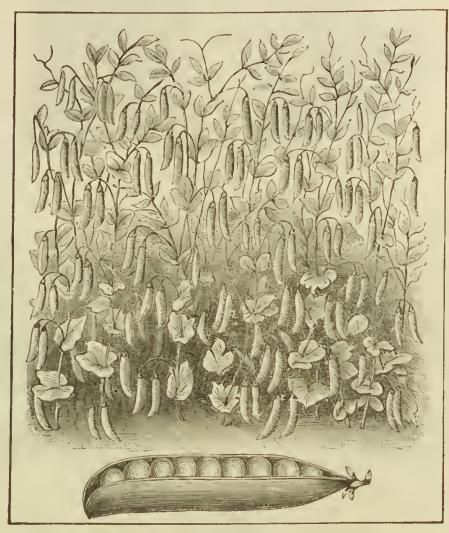
WHITE COS LETTUCE.



MARTYNIA PROBOSCIDIA.



RED WETHERSFIELD ONION.



BRECK'S EXCELSIOR PEA. (See Novellies.)

### PEAS.

German, Erbse.—French, Pois.—Spanish, Chicaros.

The planting for an early crop of garden peas should be made in the spring, as soon as the ground can be worked, in a warm, dry situation, and covered about three inches. The ground must be manured the year previous, or the peas will be apt to grow too much to straw. Use thoroughly decomposed manure, if any, just before planting. The height to which all peas grow depends in a great measure upon the richness of the soil and the wetness of the season. They are usually planted in double rows from three to four feet apart, and those requiring it, bushed when about six inches high. The large and later sorts do better at a greater distance apart, leaving a broad space for planting low-growing vegetables between. They should be kept clean and earthed up twice in their growth. As soon as the peas are gathered the straw must be pulled and removed. In dry weather the peas should be soaked five or six hours before planting, and if the ground is very dry they should be watered in the drills. From one to two bushels are generally required to an acre; one quart of the smaller sorts will sow about 120 feet, and of the larger sorts about 200 feet of drill.

larger sorts about 200 feet of drill.	Pt.	Ot.	Pk.	Bu.
Caractacus, (extra early) a very early productive pea, of good flavor;	A 11	· C.	1.00	2201
one of the best early round kinds	.15	.30	\$1.50	\$5.00
Carter's First Crop, an English variety; very early, productive, good	_			
flavor; grows 21/2 feet high, the haulm being literally covered with				
pods	.15	.30	1.50	5.00

CATALOGUE OF VEGETABLE SEEDS.				25
	D.			
Early Dan O'Rourke, Improved, one of the earliest and a very popular market variety; grows about three feet high; pods well filled;	Pt.	Qt.	Pk.	Bu
peas of good size and quality	.15	.30	\$1.50	\$5.00
states; very early Early Dexter, one of the earliest smooth peas in cultivation; very pro-	.15	.30	1.50	5.00
lifie, two and a half feet	.15	.30	1.50	5.00
well flavored	.15	.30	1.25	4.00
requires no sticks	.15	.30	2.00	6.00
filled and of good size, down to the bottom of the haulm  Bliss American Wonder, one of the earliest and most prolific dwarf wrinkled pea in cultivation. Requires no bushing and is of the most exquisite flavor. The best pea for forcing under glass and unsurpassed for early sowing. It is a seedling, the result of a cross between the two favorite varieties, Champion of England	.15	.30	2.00	7.00
and Little Gem. It combines all the good qualities of both its parents, with the additional ones of superiority in flavor to the Champion, and of greater productiveness than the Little Gem, besides being earlier than any other of the wrinkled varieties. Peas planted June 5th were ready for the table in thirty-three days from date of planting. On good soil each vine will average twelve pods, and each pod six peas. Fifteen pods have been counted on some vines, and nine large peas in some of the pods, and every pod is well filled. The vine is very dwarf, growing from eight to				
ten inches high	.20	.40	2.25	8.00
carliest	.15	.30	1.75	6.00
one foot, requires no sticks	.15	.30	1.75	6.00
long pods, well filled up, very prolifie; two and a half feet high McLean's Blue Peter, in general habit it is well described as a "Blue Tom Thumb," but possessing a more robust habit; it is earlier	.15	.30	1.50	6.00
than Dan O'Rourke, very prolific, and of fine flavor Kentish Invieta, a round blue variety; about two feet in height, very	.15	.30	1.75	6 00
early and of superior flavor	.15	.30	1.75	6.00
very large peas, are produced in pairs in great abundance  Laxton's Prolific Early Long Pod, very productive, frequently averaging eleven to twelve peas in a pod; for a second early pea there	.15	.30	2.25	8.00
is none equal to it; it is very hardy	.15	.30	1.75	6.00
Dan O'Rourke, and of a most delicious flavor	.15	.30	1.75	6.00
smooth peas are of excellent quality	.15	.30	1.75	6.00
in bearing longer than most sorts.  Dwarf Champion, this pea has proved quite distinct, and is very much liked by those who have tried it. It is in quality and flavor equal to the Champion of England, while the vine is much more dwarf. Peas white, much shrivelled and indented. We think it quite equal to McLean's Little Gem in all respects, except in point of	.15	.30	1.75	6.00
earliness, it being some ten days later	.15	.30	1.50	6.00
tivation; dwarf-growing, blue, of excellent flavor	.15	.30	1.50	6.00
grown; of delicious flavor and a profuse bearer; 3 to 4 feet	.15	.30	1.50	6.00

William I, one of the newer varieties, of fine quality. It is about one-	Pt.	Qt.	Pk.	Bu.
third larger than the Philadelphia Extra Early, and about five	.25	. 50	\$3.00	\$10.00
Ored in cultivation. It is a dwarf, dark-green marrow, growing two and a half feet in height, and is literally covered with pods.	.25	.50	3.00	10.00
Stratagem, the extraordinary merits of this splendid new pea place it far ahead of any variety hitherto introduced. It grows to the height of two feet, and the plant is literally covered with immense pods, many of them nearly six inches long, and containing ten				
Telegraph, a cross between Veitch's Perfection and Laxton's Long Pod second early; of robust habit, bearing immense pods. The	.25	.50	3.00	10.00
peas are large, and when cooked, of a deep-green color and very sweet	.30	.50	3.00	10.00
pion of England, but is more productive and of finer flavor than that excellent sort	.15	.30	1.50	6.00
flavor; grows two and one-half feet high, the haulm being literally covered with good-sized pods. Excellent first crop market sort Veitch's Perfection, a large and delicious marrow pea and an abun-	.20	.30	1.50	6.00
dant cropper; $2\frac{1}{2}$ feet	.20	.30	1.50	6.00
an abundant bearer; 2½ feet  British Queen, one of the best and most productive of the tall,	.15	.30	1.50	6.00
wrinkled marrows, of delicious flavor; 6 feet	.15	.30	1.50	6.00
White Marrowfat, a favorite marrow sort; 6 feet	.15	.25	1.25	4.00
grown as a field pea; hardy and productive; 4 feet Early Dwarf Wrinkled Sugar, a French variety, early and of good	.10	.20	1.25	2.50
quality; 2½ feet	.30	.30	4.00	12.00
Tall Sugar, edible pods; 5 feet	.30	.30	4.00	12.00

#### PARSLEY.

German, Petersilie.-French, Persil.-Spanish, Perejil.

Parsley loves a rich and tolerably deep soil. Soot is a manure very congenial, and may be added to the compost. Soak the seeds a few hours in tepid water, and sow early in the spring in one foot drills; thin out the plants to three or four inches apart; a single row forms a very good edging for beds or walks. The seed germinates very slowly, and sometimes two or three weeks will elapse before the plants make their appearance. It often fails entirely in dry weather. One ounce of seed will sow about two hundred feet of row. To have parsley green during winter, remove some plants into a light cellar, and treat them as in open culture in autumn.

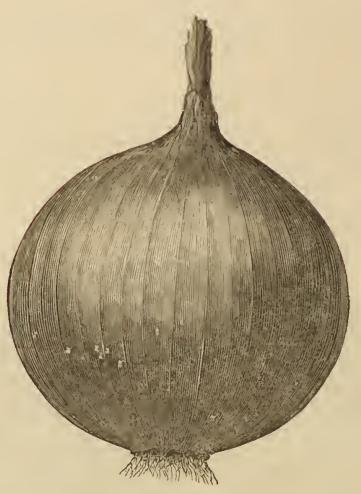
New Fern-leaved, most exquisite in form and coloring, and admirably suited		02.	235.
for mixing with dwarf ornamental foliage plants in the flower garden;			
also for table decoration	.10	.20	\$2.50
Plain Parsley, leaves dark green, plain, longer than the curled and better			
flavored for seasoning. A covering of straw or evergreen boughs will			
ordinarily protect it through the winter	.05	.10	1.00
Extra Moss Curled, leaves beautifully curled, extra fine for garnishing	.05	.10	1.00
Curled, or Double, dwarf and tender; leaves yellowish green and very beauti-			
fully crimped and curled; used principally as a garnish for the table	.05	.10	1.00
Hamburg, or Rooted, the roots are used for flavoring soups, etc			1.00

#### PUMPKIN.

German, Kurbis.-French, Courge.-Spanish, Calabaza.

Pumpkins are now extensively cultivated for feeding to stock, as well as for table use. They are usually planted in fields of corn or potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills eight feet apart.

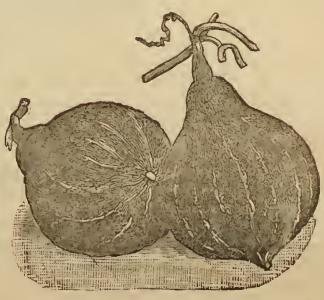
Sweet Sugar, round, not large, but very sweet, and an excellent table variety Mammoth, grows to an immense size, often weighing over one hundred	.05	Oz. .10	Lb.
poundsConnecticut Field, yerv productive: largely grown for feeding stock	.10	.30	3.00



YELLOW DANVERS ONION. (See Novelties.)



ESSEX HYBRID TURBAN SQUASH.



HUBBARD SQUASH.

#### PEPPER.

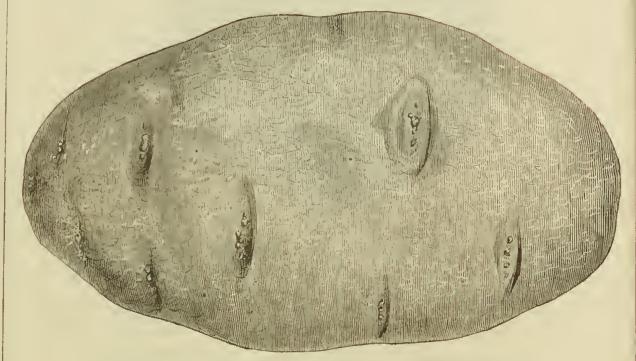
German, Pfeffer.-French, Piment.-Spanish, Pimiento.

Grown largely for pickles. Plant in hot-beds in March, and transplant into the open ground the latter part of May, in rows about twenty inches apart and eight inches apart in the row. Repeated hoeings promote their growth.

Pkt. Oz. Lb.

Large Bell, or Bull Nose, fruit large; an early, sweet and thick, fleshy, tender rind variety.

	Pkt.	Oz.	Lb.
Large Bell, or Bull Nose, fruit large; an early, sweet and thick, fleshy, tender rind variety	.05	10	\$4.00
Cayenne, Long Red, the pods of this variety are from three to four inches in length, cone-shaped, and coral red when ripe. Both ripe and green pods			<b>\$</b> -4.00
are used as pickles, also for making pepper sauce	.05	.40	4.00
Squash, or Tomato Shaped, the kind most generally grown for pickling; an			
excellent sort	.05	.40	4.00
Sweet Mountain, or Mammoth, similar in shape to the Large Bell, but of much larger size; rind thick, fleshy and tender, much used for pickling,	**	·	
stuffed like mangoes	.05	.40	4.00
Sweet Spanish, fruit about four inches in length, and nearly three inches in		,	
diameter; brilliant scarlet when ripe; the earliest of all varieties	.05	.40	4.00
Red Cherry, fruit round; very productive and ornamental		.40	3.00



BEAUTY OF HEBRON. (See Novelties.)

### POTATO.

NEW AND CHOICE VARIETIES.

(See Novelties for Description and Price List.)

#### RHUBARB.

German, Rhabarber. - French, Rhubarb. - Spanish, Ruibarbo Bastardo.

Sow early in the spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil, about three feet apart each way. If propogated by dividing the roots, it may be done either in fall or spring, planting it at the same distance apart, as given above.

	Pkt.	Oz.	Lb.
Linnæus, early, large, and tender	.10	.25	\$3.00
Victoria, very large, later than Linnæus	.10	.25	3.00

For price of Rhubarb Roots see Vegetable Plant:

#### RADISH.

German, Rettig, Radieschen.- French, Radis, Rave, Petit Rave.- Spanish, Rabano.

Radishes require a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and especially in flavor. For a constant supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply, they may be sown in a hot-bed in February.

The state of the s	Pkt	Oz.	Lb.
Long Scarlet Short-Top, the standard variety for market and private gardens  Scarlet Turnip, rather more delicate in flavor than the above; excellent for	.05	.10	\$ .60
summer use	.05	.10	.75
French Breakfast, a variety of quick growth, very mild and tender, form oval, color scarlet, tipped with white	.05	,10	.80
variety	.05	.10	-7.5
for winter use	.05	.10	1.00
Black Spanish, one of the hardiest and best for winter use	.05	.10	.So
quality	.05	.20	1.00
excellent flavor, and of very handsome appearance	.05	.Io	F-00
White Summer Turnip, excellent for summer use, of mild flavor	۰٥5	.10	1.00
Yellow Summer Turnip, grows to a large size, excellent to stand the heat			0
and drought of summer	.05	.10	.So
Gray Summer Turnip, an excellent variety for summer use Long Winter, an exceedingly fine winter variety, grows somewhat larger	.05	.10	.So
than the Black Spanish, good keeper, and of a gray color	05	.10	1.00

## SALSIFY, or OYSTER PLANT.

German, Boksbart. -- French, Salsifis. -- Spanish, Ostra Vegetal.

Sow early in spring in drills fifteen inches apart, cover the seeds with fine soil an inch and a half in depth, and when the plants are strong enough, thin out to six inches apart. The roots are taken up in the fall and preserved in sand, or remain in the ground and are dug up in the spring. To prepare them for the table they should be boiled like parsnips, or cut up in thin slices and boiled in water, or milk and water, mashed, thickened with flour, and fried with salt pork or butter. Per pkt., 5c.; oz., 3oc. lb., \$3.00.

#### SEA-KALE.

German, Seekohl Meerkohl.- French, Crambe Maritime.- Spanish, Breton de Mar.

Cultivated for its blanched shoots, which are cooked as asparagus. A supply may be had all winter by planting the roots closely in a warm cellar before frost. Sow one inch deep, in drills two feet apart, thin out to six inches, and the next spring plant in hills three feet apart. Per pkt., 10c.; 0z., 30c.; 10., \$3.00.

#### SPINACH.

German, Spinat. - French, Spinard. - Spanish, Espinaca.

Spinach likes a rich soil, and should be planted for a main crop in August or September. When cold weather sets in it should be protected from the frost by covering with straw and brush! For summer use sow at intervals of two or three weeks from April to August.

Tof summer use sow at intervals of two of times weeks from High to Magazin	Pkt	Oz.	1.b.
Round Leaf, equally good for spring or fall sowing	.05		\$ .25
Prickly, or Winter, does not yield per acre as much as the round, but is hardier	.05	.10	.25
New Zealand, produces leaves in great abundance throughout the summer;			
should be raised in heat, and transplanted three feet apart each way into			
light, rich soil	.05	.15	.75
Savoy-Leaved, new, and a great acquisition Stands the winter as well as			
the Prickly, and produces twice the quantity per acre. The leaf is			
wrinkled, similar to the Savoy Cabbage	.05	.10	.25
Extra Large Round-Leaved Viroflay, a splendid variety of the Lettuce-			
leaved Spinach, but with leaves much longer and broader, round, thick			
and fleshy, dark green. Young plants transplanted into a rich soil will			
grow to an enormous size	.05	.10	.25
Bloomsdale Spinach, this is much superior to the ordinary round leaf and			
is fast becoming popular with market gardeners. It has a blistered leaf			
which makes it springy. It lies lighter than the common sort in boxes or		• •	ar
harrels, and being less liable to heat will keep longer in good condition	.05	.10	1 5

## SQUASH.

German, Kurbiss .- French, Courge .- Spanish, Calabasa Tontanera.

Squashes will grow readily on almost any soil, but will well repay generous in May in hills about six feet apart; have the soil well enriched with a good quantum or compost to each hill. Sow eight or ten seeds in a hill, to allow for the seeds in a hill, the seeds in a hill the seeds in	uantity	y of 1	rotten
Three or four of the strongest plants are enough to leave for each bill.	Pkt.	Oz.	Lb.
White Bush Scalloped, an early market variety, excellent for shipping, tender and well-flavored	.05	.10	\$ .80
eolor	.05	.10	So
Long Warted, or Summer Crookneck, early, productive, and the best for summer use; fruit bright yellow, and covered with warty excrescences  Boston Marrow, a much esteemed variety, coming in about ten days later than	.05	.10	<b>.</b> 80
the bush sorts; color rich orange, a good keeper, and of unsurpassed flavor American Turban, the dryest, sweetest, finest grained, and most delicious of	.05	.10	1.00
all squashes	.05	.10	1.00
any other; of large size, flesh fine grained, dry, and of excellent flavor  Marblehead, an excellent new variety, color of shell blue. It is remarkable for its combination of sweetness, dryness, and delicious flavor. It yields	.05	.10	1.00
equal to the Hubbard, and its keeping qualities are said to be better  Essex Hybrid, (new,) an improved American Turban, having the color, shape, and superior qualities of the Turban, with the dryness and hard shell of the Hubbard. It is not only one of the richest flavored, finest grained	.05	.10	1.00
and sweetest of all the squash family, but one of the very best keepers.	.05	.10	1.00
Canada Crookneek, small, but of excellent quality and fine flavor	.05	.10	.80
Large Winter Crookneek, the old standard variety, hardy and a good keeper Vegetable Marrow, a favorite English sort; skin greenish yellow, flesh white,	.05	.10	1.00
soft, and of rich flavor; quite distinct from any of the preceding  Butman, this new squash is a cross between the Yokohama and Hubbard.  The flesh is between a salmon and a lemon color. It has all the qualities of a first-class squash, being very dry, fine-grained, and of excellent flavor.  Size medium; color light stone, distinctly striped and splashed with	.10	.20	2.00
yellowish white	.05	.15	1.00
sweet, and of delicious flavor. It is remarkable for its keeping qualities.  Squash Cocoanut, an excellent variety, highly prized for its beautiful appearance and unsurpassed flavor. It is a strong grower and very abundant yielder, producing from fifteen to twenty squashes on a vine. We	.10	.25	2.25

#### KENNEY'S EARLY AMBER SUGAR CANE.

1.00

recommend all our friends to plant a trial package, for we feel assured that they will be highly pleased with it and will plant a larger quantity

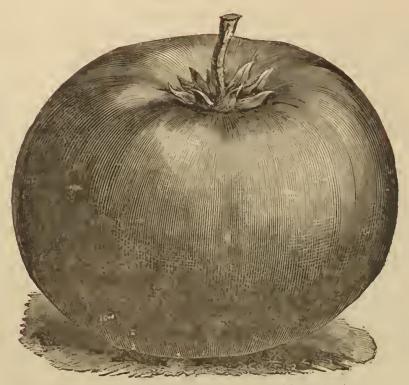
the coming season......

This variety of sugar cane has lately become very popular in many parts of the Eastern states and is highly recommended by those who have tried it for making either syrup or sugar, coming to maturity early, yielding enormously, and making the best granulated sugar, equal or superior to that made by Southern cane. The yield per acre is from 150 to 200 gallons of fine syrup, and the amount of sugar produced is about 6 lbs., to the gallon of syrup. It is also very valuable as a forage plant, as it is exceedingly rich in saccharine matter, it makes a very valuable feed for milk eows. Our stock of seed is of the purest and best quality, warranted to be genuine and true to name. Sow 12 quarts to the acre. Price per bushel, \$6.00; peck, \$2.00; quart, 25 cents.

#### SUNFLOWER.

The Sunflower, during the past few years, has attracted considerable attention as a profitable field crop. It is claimed that it produces a larger return in forage than almost any other crop; the leaves being the parts used for stock. The seed has also a commercial value, being used for manufacturing oil. It is also being planted in low, swampy ground, as an absorbent of the miasma of those sections, and with highly gratifying results.

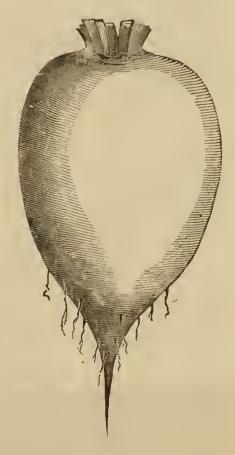
w ws t	1.14	Qc.	Dusit.
Large Russian,	.10	.25	\$4.00



ESSEX HYBRID TOMATO (See Novelties.)



LARGE WHITE FRENCH TURNIP.



/ NEW EGG TURNIP.

#### TOBACCO.

	Pkt.	Oz.	Lb.
Connecticut Seed-Leaf, this variety is best adapted to the climate of the			
Northern and Middle states	.10	.30	\$3.00
Havana, imported seed	.10	.30	6.00
Virginia, used in the South in the manufacture of the finer grades of smoking	.10	.30	3.00



LIVINGSTON'S FAVORITE TOMATO. (New.)

## TOMATO.

German, Liebesapfel.- French, Tomate.- Spanish, Tomate.

This vegetable is one of the most important of all garden products. The seed should be sown in a hot-bed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high they should be set out four or five inches apart in another hot-bed, or removed into small pots, allowing a single plant to a pot; they are sometimes transplanted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May the plants may be set in the open ground; they are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower pot, and placing it in a sunny window of the room or kitchen.

Livingston's Favorite. Three of the very best tomatoes ever introduced, the Paragon, Acme and Perfection, were originated by Mr. Livingston; he now offers for the first time *Livingston's Favorite*, properly named in consequence of its containing so many of the good points sought after by market gardeners and other growers. It is the *largest perfect shaped* tomato in cultivation, smoother than the Paragon, does not crack or rot like the Acme, is a darker red than the Perfection; ripens evenly and as early as any good variety, holding its size to the end of the season; very prolific, good flavor, few seeds, flesh solid, bears shipping long distances

05 .30 3.00



½ Pint Packet 20 cts. I Pint Packet 35 cts. I Quart Packet 60 cts.



	Pkt.	Už.	1.6.
Livingston's Perfection, this most desirable tomato is as early as the Canada Victor; almost round in shape, perfectly smooth, and very solid. Mr. Livingston, the originator of the Acme and Paragon, states that this			
variety is far ahead of any other sort for its wonderful keeping qualities and productiveness.	.05	.30	\$3.00
Acme, a new, early and beautiful variety, fruit of medium size, form perfect and very smooth; ripens all over and through at the same time. It is unequalled for canning, preserving, or as a salad; a splendid market variety, and also well adapted for culture in the Southern states for ship-	3	3	
ping to the North in the early part of the season	.05	.30	3.00
one of the earliest	.05	.30	3.00
in every other desirable quality Essex Hybrid, a new variety similar to the Acme but with larger, darker col-	.05	.30	3.00
ored fruit which is always smooth and handsome; quality among the best	.05	.40	4.00
Boston Market, very large, smooth and round; an excellent market variety The Conqueror, one of the earliest; fruit of good size, very uniform in size	.05	.25	3.00
and shape	.05	.30	3.00
Hathaway's Excelsior, early, of medium size, smooth, very solid, and of	۰٥5	.25	2.50
Golden Trophy, a sport from the well-known Trophy, with fruit of a beautiful	.05	.30	3.00
light yellow color, of very agreeable flavor.  Green Gage, a new English variety, of medium size, resembling a yellow plum	.05	.30	3.00
in shape and color, with a distinct, piquant and highly agreeable flavor.	.05	.30	3.00
Arlington, fruit uniformly large, perfect in form; very prolific, of fine flavor Canada Victor, one of the earliest, of medium size, very symmetrical in shape	.10	.30	3.00
Pear Shaped, used for preserving and pickling	.10 .05	.30 .40	3.00
Yellow Plumb, a beautiful variety, used principally for pickling	.05	.40	4.00
Red Cherry, a small early variety, size and shape of a cherry, for pickling	.05	40	4.00
Yellow Cherry, similar to preceeding except in color	.05	.40	4.00
csteemed by many for preserving  President Garfield, this variety originated in Servia, and is characterized by a very luxuriant growth. The fruit is said to have weighed from 2 to 2½ pounds, and according to the grower's statement they are susceptible of attaining the unusual weight of three pounds, particularly if but few are allowed to remain on the same plant. Despite their enormous size they are said to ripen quite evenly. There is probably no sort better adapted	.10	. 50	6.00
for exhibition purposes	.15	.75	6.00

#### TURNIP.

German, Steckrube.-French, Navet.-Spanish, Nabo Comnn.

Turnips may be sown at all seasons from April to August in our climate, although those will be the best which are sown very early in spring for summer crop, and early in August for a fall and winter crop. If sown late in spring or early in summer, they are seldom worth much, as the weather is so warm and insects become so numerous that they are generally stringy and wormy. A light soil well manured the previous year is the best; no manure should be applied at the time of sowing, unless it be a well-decomposed compost, or the roots would be liable to be bad flavored. The ground should be dug and ploughed deep and made mellow and fine; sow the seed of the flat sorts broadcast and rake in evenly. As the spring crops are often destroyed by the turnip-fly, it is an excellent plan to strew ashes and soot over the ground just as the young turnips are coming up. After they are well up, thin to six or eight inches apart and keep them clear from weeds. The Ruta Baga sorts should be sown in drills fifteen inches apart, and for winter use may be sown from the twentieth of June to the middle of July on land that has been well manured for other crops in spring; thin out as for the early crop.

New Extra Early Purple Top Munich, this is a remarkably handsome and			
very early turnip, with a bright purplish-red top and fine mouse-tail root, very distinct and valuable	.05	.10	\$0.60
use, either for the table or market	.05	01.	.60 .60

Early Flat Dutch, an early garden variety resembling White Strap Leaf	Pkt05	Oz.	Lb. \$.60
Large White Norfolk, a very large growing, globe shaped variety; flesh coarse grained and sweet; one of the best late varieties for stock, but			
not so desirable for table use	.05	.10	.60
lent quality for table use	.05	.10	.60
yellow-fleshed variety for table use; is also good for feeding stock Yellow Globe, one of the best varieties for general crop, flesh very firm and sweet, and keeps well until very late in spring, grows to a large size, and	.05	.10	.60
is excellent both for stock or table use	.05	.10	.60
unsurpassed for table use	.05	.10	.60
Yellow Aberdeen, very hardy and productive, good keeper, globe-shaped White Egg, (new,) rapid growing fall sort, oval in form, flesh fine grained, of mild and sweet flavor. It has a very smooth white skin and is a most	.05	.10	.60
desirable kitchen garden or market variety	.05	.10	.60
RUTA BAGA, or SWEDISH TURNIP.			
Improved American Purple Top, productive, flesh yellow, solid, sweet and			
fine flavored, equally good for stock or table use Skirving's Purple Top, grows to large size, flesh firm, solid and sweet, and a	.05	.10	
Garter's Imperial, very hardy, produces extraordinary crops, and is best suited	.05	.10	.60
Shamrock, one of the finest purple top varieties in cultivation, grows with	.05	. 10	.60
smull top and very few leaves, an excellent keeper and good for stock or table use	.05	.10	.60
White French, an excellent sort for table or stock; flesh firm, white and solid,			
and has a very sweet flavor; a very popular variety for market culture Sweet German, form more globe-shaped than White French, otherwise con-	.05	.10	.60
sidered very similar, superior in quality and an excellent keeper	.05	.10	.60
SWEET, POT and MEDICINAL HER	BS.		

Every garden should contain a few herbs for culinary or medicinal purposes. The chief point is to harvest them properly, which should be done on a dry day, when not quite in full bloom, then dried quickly and packed closely, and entirely excluded from the air. Sow early in spring in shallow drills one foot apart, and when well up, thin out or transplant to a proper distance apart.

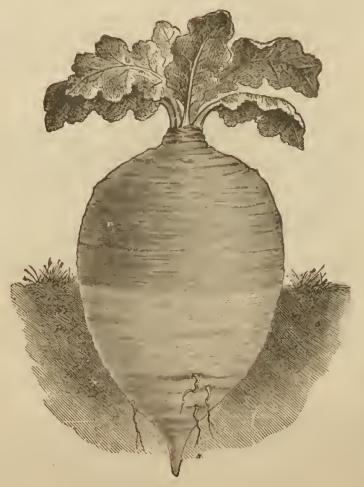
Anise       .05       .15         Balm       .10       .50         Bazil, Sweet       .10       .50         Bene       .05       .20         Borage       .05       .25         Caraway       .05       .15         Castor Oil Plant       .05       .15         Catnip       .05       .15         Coriander       .05       .15         Dill       .05       .15         Hop Seed       .25       2.00         Horehound       .10       .50         Hyssop       .10       .40         Havender       .10       .40         Marjoram, Sweet       .10       .40         Marjoram, Pot       .10       .40         Marjoram, Pot       .10       .50         Opjum Poppy       .05       .30         Rosemary       .10       .40         Saffron       .05       .15         Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .05       .12         Tarragon       .25	, , , , , , , , , , , , , , , , , , , ,	Pkt.	Oz.
Balm       .10       .50         Bazil, Sweet       .10       .50         Bene       .05       .20         Borage       .05       .25         Caraway       .05       .15         Castor Oil Plant       .05       .15         Catnip       .15       .60         Coriander       .05       .15         Dill       .05       .15         Fennel       .05       .15         Hop Seed       .25       2.00         Horehound       .10       .50         Hyssop       .10       .40         Marjoram, Sweet       .10       .40         Marjoram, Pot       .10       .40         Marjoram, Pot       .05       .30         Rosemary       .10       .50         Rue       .10       .40         Saffron       .05       .15         Sage       .05       .35         Sare       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .6	Anise	.05	.15
Bazil, Sweet.       .10       .50         Bene.       .05       .20         Borage.       .05       .25         Caraway.       .05       .15         Catnip.       .15       .00         Coriander.       .05       .15         Dill.       .05       .15         Fennel.       .05       .15         Hop Seed.       .25       2.00         Horehound.       .10       .50         Hyssop.       .10       .40         Marjoram, Sweet.       .10       .40         Marjoram, Pot.       .10       .40         Opium Poppy.       .05       .30         Rosemary.       .10       .40         Saffron.       .05       .15         Sage.       .05       .35         Sage.       .05       .35         Sary, Summer.       .05       .25         Sorrel, Broad-leaved.       .10       .50         Tansy.       .10       .50         Tarragon.       .25       1.50         Winter Savory.       .10       .40		.10	-
Bene       .05       .20         Borage       .05       .25         Caraway       .05       .15         Castor Oil Plant       .05       .15         Catnip       .15       .60         Coriander       .05       .15         Dill       .05       .15         Fennel       .05       .15         Hop Seed       .25       2.00         Horehound       .10       .50         Hyssop       .10       .40         Marjoram, Sweet       .10       .40         Marjoram, Pot       .10       .50         Opium Poppy       .05       .30         Rosemary       .10       .50         Rue       .10       .40         Saffron       .05       .15         Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .40		.10	~
Borage       .05       .25         Caraway.       .05       .15         Castor Oil Plant       .05       .15         Catnip.       .15       .15         Coriander       .05       .15         Dill.       .05       .15         Fennel       .05       .15         Hop Seed       .25       2.00         Horehound       .10       .50         Hyssop.       .10       .40         Marjoram, Sweet.       .10       .40         Marjoram, Pot       .10       .40         Marjoram, Pot       .10       .50         Opium Poppy       .05       .30         Rosemary       .10       .40         Rue       .10       .40         Saffron       .05       .15         Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .05       .12         Thyme, Broad-leaved       .05       .12         Tansy       .10       .50         Tarragon       .25       .15         Winter Savory		.05	
Caraway.       .05       .15         Castor Oil Plant.       .05       .15         Catnip.       .15       .60         Coriander.       .05       .15         Dill.       .05       .15         Fennel.       .05       .15         Hop Seed.       .25       2.00         Horehound.       .10       .50         Hyssop.       .10       .40         Lavender.       .10       .40         Marjoram, Sweet.       .10       .40         Marjoram, Pot.       .10       .50         Opium Poppy.       .05       .30         Rosemary.       .10       .40         Rue.       .10       .40         Saffron.       .05       .30         Savory, Summer.       .05       .30         Savory, Summer.       .05       .25         Sorrel, Broad-leaved.       .05       .12         Thyme, Broad-leaved.       .05       .12         Thyme, Broad-leaved.       .05       .12         Tarragon.       .25       .50         Winter Savory.       .10       .40		~	
Castor Oil Plant.       .05       .15         Catnip       .15       .60         Coriander       .05       .15         Dill.       .05       .15         Fennel       .05       .15         Hop Seed       .25       2.00         Horehound       .10       .50         Hyssop.       .10       .40         Lavender.       .10       .40         Marjoram, Sweet.       .10       .40         Marjoram, Pot.       .10       .50         Opium Poppy       .05       .30         Rosemary.       .10       .40         Saffron.       .05       .15         Sage.       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .05       .12         Thyme, Broad-leaved       .05       .12         Tansy.       .10       .50         Tarragon.       .25       I.50         Winter Savory       .10       .40		2	-
Catnip       .15       .60         Coriander       .05       .15         Dill       .05       .15         Fennel       .05       .15         Hop Seed       .25       2.00         Horehound       .10       .50         Hyssop       .10       .40         Marjoram, Sweet       .10       .40         Marjoram, Pot       .10       .50         Opium Poppy       .05       .30         Rosemary       .10       .40         Saffron       .05       .15         Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy       .10       .50         Tarragon       .25       I.50         Winter Savory       .10       .40	Castor Oil Plant	-	_
Coriander       .05       .15         Dill.       .05       .15         Fennel       .05       .15         Hop Seed       .25       2.00         Horehound       .10       .50         Hyssop.       .10       .40         Lavender.       .10       .40         Marjoram, Sweet.       .10       .40         Marjoram, Pot.       .10       .50         Opium Poppy       .05       .30         Rosemary       .10       .50         Rue.       .10       .40         Saffron.       .05       .15         Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .40			
Dill.       .05       .15         Fennel.       .05       .15         Hop Seed.       .25       2.00         Horehound.       .10       .50         Hyssop.       .10       .40         Lavender.       .10       .40         Marjoram, Sweet.       .10       .40         Marjoram, Pot.       .10       .50         Opium Poppy.       .05       .30         Rosemary.       .10       .50         Rue.       .10       .40         Saffron.       .05       .15         Sage.       .05       .30         Savory, Summer.       .05       .25         Sorrel, Broad-leaved.       .05       .12         Thyme, Broad-leaved.       .05       .12         Tansy.       .10       .50         Tarragon.       .25       1.50         Winter Savory.       .10       .40		2	
Fennel       .05       .15         Hop Seed       .25       2.00         Horehound       .10       .50         Hyssop       .10       .40         Lavender       .10       .40         Marjoram, Sweet       .10       .40         Marjoram, Pot       .10       .50         Opium Poppy       .05       .30         Rosemary       .10       .50         Rue       .10       .40         Saffron       .05       .15         Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .40		~	~
Hop Seed       .25       2.00         Horehound       .10       .50         Hyssop       .10       .40         Lavender       .10       .40         Marjoram, Sweet       .10       .40         Marjoram, Pot       .10       .50         Opium Poppy       .05       .30         Rosemary       .10       .40         Saffron       .05       .15         Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .40		0	~
Horehound.       .10       .50         Hyssop.       .10       .40         Lavender.       .10       .40         Marjoram, Sweet.       .10       .40         Marjoram, Pot.       .10       .50         Opium Poppy.       .05       .30         Rosemary.       .10       .40         Saffron.       .05       .15         Sage.       .05       .30         Savory, Summer.       .05       .25         Sorrel, Broad-leaved.       .05       .12         Thyme, Broad-leaved.       .10       .50         Tansy.       .10       .50         Tarragon.       .25       1.50         Winter Savory.       .10       .40		,	2
Hyssop.       .10       .40         Lavender.       .10       .40         Marjoram, Sweet.       .10       .40         Marjoram, Pot       .10       .50         Opium Poppy       .05       .30         Rosemary       .10       .40         Saffron       .05       .15         Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .40		~	
Lavender.       .10       .40         Marjoram, Sweet.       .10       .40         Marjoram, Pot       .10       .50         Opium Poppy       .05       .30         Rosemary.       .10       .40         Saffron.       .05       .15         Sage.       .05       .30         Savory, Summer.       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy.       .10       .50         Tarragon.       .25       1.50         Winter Savory       .10       .40			~
Marjoram, Sweet.       .10       .40         Marjoram, Pot       .10       .50         Opium Poppy       .05       .30         Rosemary       .10       .40         Saffron       .05       .15         Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .40		.10	.40
Marjoram, Pot       .50         Opium Poppy       .05       .30         Rosemary       .10       .50         Rue       .10       .40         Saffron       .05       .15         Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .40		.10	.40
Opium Poppy       .05       .30         Rosemary       .10       .50         Rue       .10       .40         Saffron       .05       .15         Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .40	Marjoram, Sweet	.10	.40
Opium Poppy       .05       .30         Rosemary       .10       .50         Rue       .10       .40         Saffron       .05       .15         Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .40	Marjoram, Pot	.10	.50
Rosemary.       .10       .50         Rue.       .10       .40         Saffron.       .05       .15         Sage.       .05       .30         Savory, Summer.       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy.       .10       .50         Tarragon.       .25       1.50         Winter Savory.       .10       .40	Opium Poppy	.05	.30
Rue.       .40         Saffron.       .05       .15         Sage.       .05       .30         Savory, Summer.       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy.       .10       .50         Tarragon.       .25       1.50         Winter Savory.       .10       .40	Rosemary	.10	.50
Saffron.       .05       .15         Sage.       .05       .30         Savory, Summer.       .05       .25         Sorrel, Broad-leaved.       .05       .12         Thyme, Broad-leaved.       .10       .50         Tansy.       .10       .50         Tarragon.       .25       1.50         Winter Savory.       .10       .40		.10	.40
Sage       .05       .30         Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .40		.05	.15
Savory, Summer       .05       .25         Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .40		2	_
Sorrel, Broad-leaved       .05       .12         Thyme, Broad-leaved       .10       .50         Tansy       .10       .50         Tarragon       .25       1.50         Winter Savory       .10       .40		~	~
Thyme, Broad-leaved.       .10       .50         Tansy.       .10       .50         Tarragon.       .25       1.50         Winter Savory.       .10       .40	Sorrel Broad-leaved	-	~
Tansy       10       50         Tarragon       25       1.50         Winter Savory       10       .40	Thyme Broad-leaved		
Tarragon       .25       1.50         Winter Savory       .10       .40			~
Winter Savory			~
Wormwood			_
wormwood	vyinter Savory		,
	vvormwood	.10	.50



PERFECT GEM SQUASH.



LONG SCARLET SHORT TOP RADISH.



SKIRVING'S IMPROVED RUTA BAGA.

DDILLA CEEDO			
FRUIT SEEDS.	Pkt.	Oz.	Lb.
- 1 pp 10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	.10	.10	\$ .50
TADITOUR A TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR	.10	.10	.50
Diddhoorly	.10	.40	4.00
	.10	1.00	10.00
	.10	.25	2.25
Peachper bush. \$2.50			
Plum	. 10	2 "	.25
	.10	.25 .75	2.50
	.10	.80	8.00
TREE SEEDS.	Pkt.	Oz.	Lb.
Ash, White	01.	.20	\$2.00
	.10	.20	2.00
	.15	.40	4.00
	.10	.15	1.50
	.15	.30	3.00
,	.10	.25	2.50
	01.	.20	2.00
	.10	.15	1.00
	.10	.15	1.00
Maple, Sugar	.10	.20	2.00
	.15	.30	3.00
Pine, Black Austrian	.15	.30	3.00
ma	.10	.15	1.25
	.15	.40	4.00
	.10	.20	1.50
GRASS SEEDS.			
(Prices subject to market changes.)			
Rhode Island Bent, 10 pounds to bushelqt., 20 cents.	.per	bush.,	\$3.00
Red Top, 14 pounds to bushel	. "		1.50
Meadow Foxtail, 25 pounds to the acre		lb.,	.45
Sweet Vernal, 35 pounds to the acre	. "	bush.,	·40 3·50
Yellow Oat, 4 bushels to the acre, 8 pounds to bushel		1b.,	.65
Crested Dogtail, 25 pounds to the acre	. "	"	·45
Orchard, 3 bushels to the acre, 14 pounds to bushel		bush.,	2.00
Hard Fescue, 30 pounds to the acre,		lb.,	.25
Meadow Fescue, 40 pounds to the acre		46	.40 .40
Red Fescue, 25 pounds to the acre	. "	66	.50
Slender Fescue, 30 pounds to the acre	. "		.30
Meadow Soft, 3 bushels to the acre, 7 pounds to bushel  Italian Rye, 3 bushels to the acre, 18 pounds to bushel	. "	bush.,	
English Rye, 3 bushels to the acre, 24 pounds to bushel.		"	3.00
Timothy, one-half bushel to the acre	. "	"	2.75
Wood Meadow, 30 pounds to the acre	. 46	lb.,	.40
Kentucky Blue, (extra clean,) 14 pounds to bushel	. "	bush.,	
Fowl Meadow, 2 bushels to the acre		1b.,	3.00
		110.,	•0
LAWN GRASS SEEDS.			

Many scedsmen recommend English Lawn Grass Seed; we hold that many varieties of English grasses used for seeding down lawns in England, are *unsuitable* for our New England climate and will not make good, lasting lawns.

The seeds of the best natural grasses, mixed with a slight quantity of the best White Dutch Clover seed only should be sown, to attain the finest growth of grass, which, if thoroughly 

#### CLOVERS.

Large Red, Mammoth, or Pea Vine	per lb.	about 12c.
Medium Red Clover	. 66	" I2C.
White Clover		
Lucerne Clover, Alfalfa	1.6	44 300
Alsike Clover, Swedish	44	" 3ос.

#### MILLETS.

#### (Prices subject to market changes.)

Common Millet	 	per bushel, \$1.25
German, or Golden Millet	 	
Hungarian (Grass) Millet	 	" " 1.25
Pearl Millet	 	" " 10.00

#### GRAINS.

(Prices subject to market changes.)

All our Grains are selected expressly for seed, and are strictly pure and true to name.



#### WHITE BELGIAN OATS.

We offer this variety of oats to our customers, feeling confident that it is unexcelled. On the same land, grown side by side, the White Belgian Oat produced double the crop of other oats, while they were of finer quality and much greater weight per measured bushel. At several of our fairs the past season the White Belgian Oat, grown from seed obtained from us, received the first prize and was pronounced by all visitors the finest oats they ever saw on exhibition, having a heavy weight of beautiful white grain, strong, stiff straw and early maturity; they frequently weigh from 46 to 50 pounds per measured bushel. The grain is very plump, with thin husk; they are very nutritious and unsurpassed for feeding stock or the manufacture of oatmeal. It is stated in Belgian that they yield from 75 to 150 bushels per acre. Per bushel, \$1.50.

#### RUSSIAN WHITE OATS.

All the testimony we can obtain unites in considering this new sort to be a most desirable and promising variety. They are said to yield about double with the Probsteier Oats, a single grain giving sixteen stalks in many instances; the straw is of extra quality, strong and bright, and while other oats rusted, the Russian White was free from it. They are equally well adapted for general culture as any other sort, and from all accounts it is safe to say that the average yield is one-third more to the acre than any other variety of oats. Price per bushel, \$.85.

			Bush.
White Bedford Oa	t	 	 .75

#### SPRING BARLEY.

Four Rowed	••••••	1 25

#### RYE.

Spring.					 	٠		 	 					 			 ٠	٠		٠	 		\$1	1.	1	5	
Winter	٠.								 					 									1	1.	I	5	

#### WHITE BELGIAN OAT. BUCKWHEAT.

		Bush.
Silver-Hull, this is a very great improvement over the common variety	.60	\$2.00
Common variety	-35	1.25

SPRING WHEAT.
White Russian Spring Wheat, this new spring wheat has been thoroughly tested and has given great satisfaction wherever grown. It is not exactly white, but is lighter colored than most varieties of spring wheat. It is a bald chaff wheat, and is very prolific, yielding in Nebraska 49¾ bushels from one of seed, while other wheats yielded only 10 to 20 bushels to the acre. It has long, straight, strong, healthy, yellow straw, standing straight several days after ripening, and bearing long, large heads, well filled with plump kernels, weighing oftentimes from 60 to 62 lbs. to the measured bushel. It produces 10 to 15 bushels more per acre than many of the other once popular varieties that are now fast running out. It is particularly free from rust and not liable to lodge
Lost Nation,
Senaca, or Clawson Wheat, this is a smooth white wheat with rcd chaff. It is not liable to rust, is hardy, stands winter well, has a stiff straw, and heads well. It withstands the Hessian Fly better than most kinds, and yields large crops75 \$2.50
MISCELLANEOUS.
Celery Seed, for flavoring per lb. \$ .50
Flaxseed. per bush. 3.00 Sunflower, Large Russian per qt., 20 " 4.00 Sunflower, Common " 20 " 3.00 Popping Corn per lb07
BIRD SEED.
Prices by the bushel on application.  Canary, best clean seedper quart, 15 cents
Hemp, Russian, the best " " 15 "
Maw " pound, 30 "
Millet " quart, 15 " Rape " " 15 "
Unhulled Rice, or Paddy " " 20 "
Mixed Bird Seed, Canary, Rape and Hemp
GRAFTING WAX.
1 lb packages
"
For budding and tying plants, vines and vegetablesper lb., 50c.
ROFFEA.
For tying plants, vines and vegetablesper lb, 50c
TABLES.
Quantity of Seed required for a given number of Plants, number of Hills, or Length of Drills.
Asparagus oz. to 60 ft. of drill.   Melon, Musk oz. to 60 hills.
Bect
Beans, Pole qt. " 150 hills. Onion Sets, small 1 qt. " 40 " " "
Carrot
Cauliflower 1 oz. " 2000 " Peas 1 qt. " 100 " " "
Celery       1 oz. " 3000 "       Pepper       1 oz. " 1000 plants.         Cucumber       1 oz. " 50 hills.       Pumpkin       1 oz. " 40 hills.
Corn 1 qt. " 200 " Radish 1 oz. " 100 ft. of drill.
Dandelion oz. "200 ft. of drill.   Salsify oz. "70 " "
Endive 1 oz. " 150 ft. of drill. Squash, Early 1 oz. " 50 hills.
Leek 1 oz. " 100 " " Squash, Marrow 1 oz. " 16 "
Lettuce oz. " 3000 plants. Tomato
i je tv ot dini

## Quantity of Seed usually sown per Acre.

Barley, broadcast to 3 bush.	Mu
Beans, Dwarf, in drills1/2 bush.	Me
Beans, Pole, in hills 10 to 12 qts.	Me
Beets in drills5 to 6 lbs.	Mil
Broom Corn, in hills	Oat
Buckwheat bush.	Oni
Cabbage, in beds to transplant. 1/4 lb.	Oni
Carrot, in drills 3 to 4 lbs.	Oni
Chinese Sugar Cane12 qts.	Par
Claver Ded clope	Ł.
Clover, Red, alone	Pea
Clover, White, alone12 to 15 lbs.	Pea
Clover, Alsike, alone	Pot
Clover, Lucerne or Alfalfa20 lbs.	Pur
Corn, in hills	Rac
Corn, for Soiling 3 bush.	Ry
Cucumber, in hills 2 lbs.	Sag
Flax, broadcast	Sals
Grass, Kentucky Blue bush.	Spi
Grass Orchard bush.	Squ
Grass, English Ryc bush.	Squ
Grass, Fowl Meadow bush.	Tor
Grass, Red Top 3 bush.	Tur
Grass, Timothy	Tui
Grass, Hungarian hush.	Tin
Grass, Mixed Lawn	Vet
Hemp	Wh
110mp/2 Dusm	

Mustard, broadcast½ bush.
Melon, Musk, in hills to 3 lbs.
Melon, Water, in hills to 5 lbs.
Millet, Common, broadcast bush.
Oats, broadcast 2 to 3 bush.
Onion, in drills 5 to 6 lbs.
Onion for Sets, in drills30 lbs
Onion Sets, in drills
Parsnip, in drills4 to 6 lbs.
Peas, in drills
Peas, broadcast 3 bush.
Potato (cut tubers) 10 bush.
Pumpkin, in hills4 to 6 lbs.
Radish, in drills 8 to 10 lbs.
Ryc, broadcast
Sage, in drills
Salsify, in drills8 to 10 lbs.
Spinach, in drills 10 to 12 lbs.
Squash, (bush varieties), in hills.4 to 6 lbs.
Squash (running varieties), in hills.3 to 4 lbs.
Tomato, to transplant
Turnip, in drills
Turnip, broadcast3 to 4 lbs.
Timothy, alone
Vetches, broadcast 2 to 3 bush.
Wheat, broadcast

## VEGETABLE PLANTS AND ROOTS.

#### ASPARAGUS ROOTS.

The preparation of the Asparagus bed should be made with more care than for most vegetables, from the fact that it is a permanent crop, which ought to yield as well at the end of twenty-five as of five years, if the soil has been well prepared. To start with, it should be on ground thoroughly drained, either naturally or artificially, and if choice can be had, on a rather light sandy loam. This should be trenched and mixed with sufficient manure to form a coating of at least six inches thick over the bed; this manure should be worked into the soil by trenching to the depth of two feet, as the roots of the plants will reach quite that depth in a few years. In setting, the crowns of the plants should be placed at least three inches below the surface. It makes but little difference whether it is planted in the spring or fall; if in the spring, it should be done as early as the ground is dry enough to work; and if in the fall, just as soon as the plants can be had, which is usually in the early part of October. For an ordinary family, a bed of six rows, fifty or sixty feet in length, and three feet apart will be sufficient, the plants in the rows being nine inches apart.

Colossal, two year old roots.. \$1.00 \$7.00 The Hub, two year old roots.. \$1.50 \$12.00 CABBAGE PLANTS.

Early Jersey Wakefield	\$1.00	\$7.00
Henderson Summer	1.00	8.00
Premium Flat Dutch	1.00	7.00
Stone Mason Drumhead	1.00	7.00
Fottler's Brunswick	1.00	7.00
Marblehead Mammoth	1.00	7.00
American Improved Savoy	1.00	7.00
· ·		

## CAULIFLOWER PLANTS.

Boston Market		
Henderson Snowball	2.00	10.00
Early Dwarf Erfurt	1.00	8.00
Early Paris	1.00	8.00

#### CELERY PLANTS.

CRANBERRY PLANTS.
Eaton's Early Black Bell, ripens very early, being fully colored by September 5th, in the Eastern states; color very dark red, almost black, medium size and very uniform, great bearer, good keeper and vines perfectly hardy
EGG PLANTS.
New York Improved
Black Pekin10 1.00 6.00
HORSE RADISH SETS.
By mail, per dozen, 25 cents. By express, per 100, 60 cents; per 1,000, \$5.00.
JERUSALEM ARTICHOKES.
Strong tubers, 25c. per quart; \$1.50 per peck; \$5.00 per bushel. A 3 lb., package by mail, \$1.00
KALE OR BORECOLE PLANTS.
Green Curled Scotch
KOHLRABI PLANTS.
White Vienna mail, \$1.00 per 100; express, 75c. per 100
LETTUCE PLANTS.
Boston Market Head. \$ .75 Early Curled Simpson
PEPPER PLANTS.
Large Bell or Bull Nose
RHUBARB ROOTS.
Rhubarb Roots may be planted early in spring or in fall, setting the roots three feet apart each way; if planted in spring on ground well prepared, a full crop may be gathered the succeeding season. It requires but little labor; once planted, it will remain in bearing condition for three or four years, only requiring a top dressing of manure dug in, in spring or fall. 20 cents each; \$2.00 per dozen.
SWEET POTATO PLANTS.
Nansemond, the best sort for planting North
TARRAGON PLANTS.
30c. each; \$3.00 per dozen.
TOMATO PLANTS.
Perfection



# TWENTY-FIVE VARIETIES CHOICE ANNUAL FLOWER SEEDS, MAILED FREE, FOR \$1.00.

The above collection contains one package each of the following Choice Annual Flower Seeds: Sweet Alyssum, German Quilled Aster, Double Mixed Balsam, Calliopsis—mixed, Calendula Meteor, Canary Bird Flower, Candytuft—mixed, Chrysanthemum—mixed, Morning Glory—mixed, Cypress Vine—mixed, Eschscholtzia—mixed, Marigold—mixed, Sweet Mignonette, Castor Bean, Mourning Bride, Nasturtium—mixed, Petunia—mixed, Chinese Pink, Poppy—mixed, Portulaca—mixed, Ten-Weck Stocks—mixed, Sweet Pea—mixed, Verbena—fine, mixed; Zinnia—fine, mixed. Retail Price, \$1.60.



VICTORIA, ASTER



AGROSTIS NEBULOSA.

## SELECT FLOWER SEEDS.

The following portion of our Catalogue devoted to Flower Seeds, we have arranged both alphabetically and in columns, to enable any one to easily refer to the price and description of any variety desired.

#### KEY TO COLUMNS.

The first column contains the name of flower. The fifth column contains price per cunce. hardiness and duration height in feet. The fourth " color of flower.

The seventh " price per packet. general observations.

#### KEY TO ABBREVIATIONS.

#### COLOR OF FLOWERS.

spot., spotted. stri., striped. sul., sulphur. var., variegated. dark. blue. dp, blood. deep. blk., black. gr., lav., orange. br., brown brown. lavender. pur., purple. îf., leaf. rose, rose. ver., vermilion. car., carmine. light. red. rd.. wht., white. scar., scarlet. mar., maroon. yel., yellow.

#### HARDINESS AND DURATION.

A.—Annual, lasting one year. B.—Biennial, lasting two years. P.—Perennial, lasting three or -Perennial, lasting three or more years. ev., evergreen.

Alleghany Vine.....

g., greenhouse. h., hardy. h.h., half-hardy. sh., shrub.

Alleghany Vine .- See Adlumia.

VII) 3. 1. 2. 1. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.						
NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Abobra viridiflora	hhP	6	green.	1.00	10	Abobra.—A beautiful variety of climbing Gourd, with elegant foliage.
Abronia umbellata			rose.	.80	100	Abronia.—Trailing Verbena like flowers.
Aconitum napellus		2	blue & w.	• •	5	AconitumMonkshood.
Acroclinium roseum	hhA	X	rose.	.60		
album		I	white.	•60	5	should be cut before fully expanded.
Adlumia cirrhosa	hA	15	pink.	1.50	10	Adlumia.—A beautiful climbing, fine foliaged plant, also known as Mountain Fringe and Alleghany Vine.
Adonis austivalis	4.6	1	scarlet.	.50	5	Adonis.—Showy border flowers.
· vernalis		1	yellow.	.50		<b>'</b>
African Rose						African Rose.—See Hibiscus.
Ageratum mexicanum		1	blue.	.75	5	AgeratumContinual bloomer, and fine
" Imperial Dwarf		3/2	66	1.75	~	for cutting. The dwarf varieties are very
anum		3/2 3/2	46	1.00		desirable for borders or edgings.
Agrostemma Cœli Rosa		/2	rose.			Agrostemma.—Rose Campion.
		11:		•75	5	Agrostis.—Very fine for dried grasses
Agrostis nehulosa		I	• • • •		5	Agrostis very fine for aften grasses







BALSAM.

NAME.	Hardiness and Duration.	Height.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Alonsoa grandiflora	1	1 1/2	scarlet.	1.25	10	AlonsoaVery showy in blossom and of
	1. 1					graceful habit; excellent for bedding.
Alyssum maritimum (sweet)	hA P	1	white.	.50	5	Alyssum.—Excellent for pot or basket cul- tivation or for edgings in the flower gar-
" Wierzbecki		1	w. & y.	1.00		den. The perennial varieties are among
						the earliest and most attractive of spring
						flowers.
Amaranth	hhA	3	var. lf.	.60	5	Amaranth.—See Gomphrena. Amaranthus.—Beautiful foliaged plants.
candatus		3	46	.60	5	A. Salicifolius and Henderi form elegant
" cruenthus	- 66	2	var. lf.	.60		pot plants for greenhouse or conservatory
" melancholicus ruber		1	66	.60		and are much used for bedding. A. cau-
" salicifolius " Henderi (new)	- 11	3 to 5	66	1.00	10	datus is the well-known "Love lies bleeding." A. cruenthus is better known as
" tricolor	44	2	66	.60		"Princess' Feather," A. tricolor as "Jo-
	Ì					seph's Coat" and A. melan. as "Nun's
						Whipping Post."
Amethyst	hA	2	white.	.60		Amethyst.—See Browallia. Ammobium.—White everlasting flowers.
Ammobium alatımAnagallis grandiflora, Eugenie		ı	b. & w.	2.00		Anagallis.—Poor Man's Weather Glass.
Napoleon III	1 "	1	crimson.	2.00	10	Splendid for rock-work and borders.
" granditlora, fine mixed	- "	1	mixed.	1.75	5	
Anchusa augustifolia capensis	hP	2	blue.	•••	5	Anchusa Splendid for boquets; long
						bloomer, azure blue forget-me-not like flowers; blossoms first year from seed.
Angelonia grandiflora	hP	13/2	sc. & w.		10	Angelonia.—Bright scarlet and white cup-
_						shaped flowers.
Animated Oat		• •			• •	Animated Oat.—See Avena.
Antirrhinum majus	P	2	mixed.	•75	5	Antirrhinum.—Snapdragon. Will bloom first season.
" nanum nanum picturatum	1			1.50	10,	Antirrhinum.—See Novelties.
Aquilegia, Single	1 P	11/2	mixed.	1.25	5	Aquilegia.—Columbine. Pretty and very
" Double	"	11/2	66	1.00	5	desirable for early spring flowering.
" californica hybrida	•••	••	• • • •	•••	•••	Aquilegia cal. hyb.—See Novelties.
chrysantha					••	Aquilegia chrysantha.—See Novellies. "cœrulea hyb.—See Novelties.
Arctotis breviscapa	hhA	11/2	orange.		10	Arctotis.—Large orange flowers with dark
						centre
Argemone Hunnemanni	hA	2	car. & yel.	•60	5	Argemone.—Mexican Poppy.  Artemesia. — Highly decorative foliage
Artemesia gracilis	!	4	••••	.80	5	plant.
Aristolochia Sipho	hB	30	y. & br.		10	Aristolochia Dutchman's Pipe. Aquick
•			1			growing climner, with large heart-shaped
	1. 4		hler			leaves. Highly recommended.
Asperula azurea setosa	lıA lıP	1 1/2	blue. white.	•75	5	Asperula.—Very sweet scented flowers and profuse bloomer.
Aster, German quilled		2	mixed.	1.50		Aster.—The vast improvement made in the
(1	"	2	white.	2.00		last few years by the English and German
" Betteridge's choice mixed, quilled	. 56 66	2	mixed.	4.00	-	growers of this showy flower cannot be too
" German Globe-flowered		2 3/4	66	2.00		highly spoken of. We refer especially to
" Boltze's, Dwarf Boquet " Dwarf Pyramidal Boquet		74	66	4.00		the different varieties of Truffaut's Parony-flowered and the New Washing-
" Truffaut's Pæony-fl'd Perfection	66	2	"	5.00		ton Asters. The La Superbe varieties of
" " La Superbe		2	rose.	·	25	the first-named are rightly termed, for in
er er = er *	4.5	2	sky b. & w.		25	every respect they are truly superb.



BRIZA.



COBÆA.

OKRA						
NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	
Aster, Truffaut's La Superbe "Imbrieated Pompon "Dwarf Chrysanthemum		2 2 I	pure wht.	4.00 5.00	15	A
" Large Rose-flowered " Coeardeau or Crown (wht.centre) " Emperor, Giant	<i>tt</i>	2 2 1/2	various.	3.50 4.00		
" Victoria New Dwarf	66	11/2	mixed. white.		15 25	
" Vietoria " New Washington, white " " peach-blossom		1 ½ 2 2	w.tint.rose white. peach blos.	6.00	25 20 20	
66 66 66	- 66	2 2	sil. gray. w. tint. rose		25 25	
Avena sterilis	hA hhA	5	white.	.80 So	5 5	B B
Balsam, Double Extra  "Double Rose flowered	hA "	1 1/2	mixed.	2.00		В
" Double Rose flowered, white  " Double Camellia flowered " New Carnation-striped	hA	2 2 2	white.	2.00 3.00	l .	Т
" Double Solferino	4	2	w., spt., str. deep bl. red	2.00	10	Т
Bartonia anrea	hA	2 1 15	w., sc. sp. yellow. scarlet.	.50	5 10	В
Begonia Robusta Perfecta Rosea		15	white.	.40		В
" Sempervirens Rosea	••	• •	•••	• •	••	В
Bellis Perennis, fl. pl	hP	34 34	mixed. white.	••	10	В
Briza compacta	hhA hA	1 I I	blue. white.	1.00	5 5 5	ВВ
" maxima	hP	I	• • •	.3o .8o	5	В
Browallia elata alba	hḥA	11/2	blue. white.	1.30 1.30	10	В
Bryonopsis laciniosa erythiocarpa	hhA	5	red.	1.25	10	B
Cacalia coccinea	hA	r½ 1½	scarlet.	.80 .80	5	Ca
Caiampelis scabra	hhA	3	orange.	2.50	10	Ca
Calandrina discolor  "grandiflora "umbellata	hA tt	1 34	rosy pink.	1.00	5	Ca
Caiceolaria hybrida, large flowered splendid dwarf	gl)	2	mixed.	•••	25 25	Ca
" rugosa, shrubby for bedding	**	2		•••	25	

#### GENERAL OBSERVATIONS.

Aster. No lover of these flowers can find anything so easily cultivated that would anything so easily cultivated that would afford such genuine pleasure and satisfaction. The New Washington varieties are extremely beautiful, attaining a very large size averaging 4½ inches in diameter, and in delicacy of tunts are unequalled. Aster seed should be sown early in the Spring in a hot-bed or window box and transplanted out-doors when the weather is warm, about 12 inches apart—the taller varieties a little farther apart and the dwarf varieties a little nearer together.

Avena —Animated Oats.

Balloon Vine.—Love-in-a-puff; Climbing plant for house or garden.

Balsams.—Our balsams have been select-

they will please our customers.

The Double Rose-flowered White Balsam is of unequalled purity and in great demand among florists.

The Double Victoria White Scarlet

Spotted is very delicate in color and will become a great favorite.

Bean.—Climbers, bearing clusters of dazzling scarlet, and pure white flowers.

Begonia robusta perfecta rosea.-See Novelties

Begonia sempervirens rosea. - See Novelties.

Bellis. - Double Daisy .- Very handsome spring flowering plant.

Brachycome.—Swan River Daisy.

Briza.—Quaking Grass.

Bromus.-Ornamental Grass for winter

Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets.

rowallia Rœzli.-See Novelties.

Bryonopsis.—Climber, producing green fruit, which subsequently turn to hrilliant scarlet, striped with white. acadia.—Tassel Flower.

alampelis.—A good climber, flower tube shaped

alandrina.-Very desirable pot plant; also for rockeries.

alceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections.







LEPTOSIPHON.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Price Per Oz.	Per Pat.	GENERAL OBSERVATIONS.
Calendula pluvialis	hA ::	1	w.b.und'th		5	Calendula.—Cape Marigold. Calendula Off. Meteor.—See Novelties. California Poppy.—See Eschscholtzia.
Calliopsis Drummondi	hA «	1 ½ 1 1½ 3	pur. & yel. marbled. mixed. dark red.	.50 1 00	5 5	Calliopsis.—Very showy and continues to bloom a long time.  C. Drummondi is admirably adapted for borders.
Callirhoe pedata nana	ii ii hP	2	cr. & white c. p., w. eye blue.		5 5 10	Callirhoe. — Profuse bloomer, continuing throughout the season.  Campanula.—Canterbury Bell, will bloom
" Loreyi	hA	2 2 1	white mixed.	.90 .75	5 5 10	first year if sown early. C. speculum, Venus Looking Glass.
" speculum	1	1/2 1/2 10	blue. mixed. yellow.	.50 .50 1.25	5 5 10	Canary Bird Vine.—See Tropæolum canariense.
Candytuft	hhP	4-6	orange.	-75	10	Candytuft.—See Iberis. Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has
" Gigantea Major " Nigricans " Warscewiczi " Zebrina	44	6-8 3 4	dark red. red. bril'nt red. scarlet.	1 ' '	10 10 10	striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants.
" Finest mixed		4	mixed.	•75 •75	10	Canterbury BellSee Campanula. Cardinal FlowerSee Lobelia.
Cardiospermum Halicacabum Carnation Castor-Oil Bean Catchfly		5	white.	.80	5	Cardiospermum.—See Balloon Vine. Carnation.—See Dianthus. Castor Oil Bean.—See Ricinus. Catchfly.—See Silene.
Celosia cristata nana " " " " " " " " " " " " " " " " "	hhA "	1 1 3	crimson. mixed.	2.00	10 5 5	Celosia.—Cockscomb, showy plant, producing large combs of crimson or yellow flowers.
" japonica Centaurea candidissima " Clementei,	hhP	2 I 1/2	scarlet.	2.00	15 25	Centaurea.—Dusty Miller; silver leaved foliage plants, extensively used in borders
" gymnocarpa " moschata	hA "	1 ½ 2 2 2	blue. white. mixed.	.90	5	and bedding. Pick the buds off as they appear. They should not be allowed to flower if a thick mass of foliage is desired. C. moschata.—Sweet Sultan.
Centranthus macrosiphon Cerinthe aspera "gymnandra.	66	1 ½ 1 1	red. yellow. yel. & br.	.60	5 10 10	C. cyanus.—Bachelor's Button. Cerinthe.—Honeywort.
Chamæpeuce casabonæ diacantha, very fine Chenopodium, altisamum	В	1 2	orn. leaf.		10	Chamæpuece casabonæ. — Handsome Thistle-like foliage plants with dark green leaves, veined with white. Chenopodium.—Crimson leaves, very or-
Chrysanthemum, carinatum album	hA	I	white.	1,00	5	namental, small flowers.  Chrysanthemum.—Free blooming flowers lasting late in the season, long after many
" " luteum " purpureum " Burridgeanur	66	I I	yellow- purple- cr.,w.c'tre.		5 5 5	other flowers are faded.  C. idicum pompone is very double, pure white and a constant bloomer; excellent
coronarium fl. pl  '' idicum pompone, d'i fl'd Cineraria hybrida choice mixed	hhP	2 2 2 2	dbl. yellow. " white. " white. various.	1.00	5 10 25	for cut flowers.  Cineraria.—Beautiful compact flowering
" " new dwarf " acanthifolia " maritima	hP	3/4 2 2	silver fol.	4.00 1.00	25 15 5	plants of crimson, magenta and purple colors. The last three catalogued sorts are silver leaved bedding plants, sometimes called "Dusty Miller."
" candidissima	1 "	2	16	3.00	15	called "Dusty Miller."







LOPHOSPERMUM.

						3307 4.000 23471 0 (11)
	88 C	1.3			ئہ	
NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Price Per Oz.	Per Pkt	COMEDAL ODCEDA CRIONO
NAMP.	ard	E	၂ ဗီိန္	Per	ro.	GENERAL OBSERVATIONS.
	H A	[				
Clarkin bearing 1	1. 5	11/2	mixed.			
Clarkia, best mixed	hA hP	10	mixeu.	3.00	10	Clematis.—Fine climbing vincs.
Clianthus Dampieri	A	2	sc. &. blk.		25	Clianthus.—Should be started early in or-
· ·	1					der to prove most successful. Flowers
C1:-4:	L A	1/2	blue.	- 00		dazzling scarlet and black.
Clintonia elegans	hA.	/2	Drue.	5.00	10	Clintonia.—Charming for hanging bask- ets, edgings and rockeries.
Cobæa scandens	hhA	20	purple.	2.50	10	Cobæa.—To attain full growth should be
						started in pots. Very rapid climber.
Coccinia Indica		6	red.	2.00		Coccinia.—Gourd family. Fruit scarlet.
Cockscomb	hA	11/2	****	.50	5	Coekscomb.—See Celosia.
Coleus (finest mixture)	hhP	1.00	foliage.		25	Coleus.—New Hybrid colors.
Collinsia	hA	11/2	mixed.	.75		Collinsia.—Purple, blue and white flowers;
Calumbia	1					very pretty.
Commelina cœlestis		11/2	blue.	1.00	5	Columbine.—See Aquilegia. Commelina.—If started early will bloom
Continue Con	111	1/2	Diac.		3	first season.
Convolvulus major		10	finest mix'd		-	Convolvulus Major Morning Glory,
" tricolor minor		1		.40	_	tall; C. Minor. Morning Glory, dwarf.
Coreopsis			blue.	2.00	15	C. Mauritanicus for hanging baskets. Coreopsis.—See Calliopsis.
Cosmanthus fimbriatus		1	lilac & w.	1.00		Cosmanthus.—Flowers fringed and pretty,
A		_				plant spreading.
Cosmidium Burridgeanum		2	cr.,br.&yel	1.00	5	Cosmidium.—Flowers large and showy, similar to Coreopsis.
Crepis	66	I	fine mixed.	.60	5	Crepis Hawk weed.
Cruciancila stylosa	hP	I	pink.	1.00		Crucianella Excellent for rockeries,
Cucumis	1.1. 1	6	fine mixed.			hanging baskets and vases.
" flexuosus			mie mixed.	1.50	10	Cucumis. — Ornamental Cucumber. C. fluxuosus. — Snake Cucumber, bearing
" dipsaceus (Teasel-formed)		• •	yellow.	1.50	1	fruit three feet long. C. dipsaccus.
Constant						Teasel-formed.
Cucurbita leueantha depressa	hhA	6	fine mixed.	00.1	10	Cucurbita.—Ornamental Gourd. C. leu-
" longissima			• • • •	1.00		cantha depressa.—Green fruit. C. long- issima.—Curious fruit 5 ft. long.
Cuphea Strigulosa	hhP	1	s. & yel.		15	Cuphea Excellent forcing variety for
" Roezli grandiflora superba	gS	31/2	red.	••	50	market.
						Cuphea Roezli grandiflora superba.— See Noveltics.
Cyclamen persicum	hhP	1/2	fine mixed.		50	Cyclamen. — Green house plants, very
0						handsome bloomers.
Cypress Vine	h h D	• •	G., and	••	••	Cypress Vine.—See Ipomæa Quamoclit.
Danna, doddic	mur	••	finest mix'd	• •	10	Dahlia.—Saved from the largest flowering and most double sorts.
Daisy, double		••	• • • •			Daisy.—See Bellis.
Datura fastuosa, finest double		3	mixed.	1.00	10	Datable
Delphinium (Larkspur)double, dwarf rocket	hA	11/2	***	•	• •	Delphinium cashmerianum. — See Novelties.
" double branching	112%	2	66	.50	5	D. Giant Hyacinth fl'd. See Noveltics.
Perennial sorts	hP	3-4	66	1.50	10	D. nudicaule.—The finest perennial Lark-
nudicaule		11/2		6.00	- 1	spur, of dwarf compact growth, with
Cictuil *****************		5	mixed.	•75	5 1	abundant brilliant scarlet flowers.



LUPINUS.



MAURANDIA.

	- (T)	,				
NAME.	Hardiness and Duration.	Height, Feet	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Delphinium formesum	1.D	1 .	halora Correla	l	ļ	Delphinium 7th
Delphinium formosum		2	blue & wht.	1		Delphinium. The seed of the perennial sorts should be sown in spring; the plants
" Giant Hyacinth flowcred			• • • •	• •	• •	will then become strong by fall and flower
0.4 1.740 1.040		•••			• •	the following summer.
Devil-in-a-bush						Devil-in-a-Bush.—See Nigella hispanica.
Diamond Plant						Diamond Plant See Mesembryan-
						themum,
Dianthus, Pink						Dianthus barbatus.—Sweet William, will
" barbatus, single	hP	11/2	mixed.	.75	5	bloom the first year if sown early. D.
double		11/4	white.	2.00	10	Chineusis, Chinese Pink.
caryophynus (camadon).	1.2	_	finest mix'd	1	50	D. carnation grenadin.—"For Florists'
" nicotae	i i	2	mixed. fin <b>e</b> st niix'd	••	10	purposes and sale plantsthis one and flo-
" picotee " perpetual or tree	1	2	mese mix a	3	50	riferous carnation is invaluable."
" " grenadin		2	bril. scar.	• •	50 15	"It blooms three weeks earlier than any other variety, and furnishes a profusion
chinensis fl. pl	hA	1	mixed.	-75	5	of charming double flowers of brilliant
		1	white.	1.50	10	scarlet. Being of dwarf and compact
" Heddewigi, double	66	1	finest mix'd	1.50	10	habit it is excellent for borders or
" laciniatus	44	Ĕ		2.00		masses."
D			,			
Dictamnus Fraxinella		2		2.50		Dictamnus.—Gas Plant.
66 66	111	2		2.50	~	
Digitalis, Foxglove, lutea		3	mixed.	2.50		Digitalia Formlana Carala and
purpurea	£4	3	purple.	1.00	~ !	Digitalis, Foxglove.—Stately and orna- mental growing plants; succeeding well
alba		3	white.	1.00	5	in half shady places.
rosea	46	3		1.00	5	In man stady process
£ (		3		1.00	5	
Dodecatheon Meadia	P	1	purple.		10	Dodecatheon American Cowslip.
						Shooting Star.
Dolichos Lablab		• •	• • • •	**		Dolichos Rapid climbing plant, with
" Hyacinth Bean	hA	10	purple.	•75	5	large clusters of handsome flowers, pro-
" giganteus	hhA	10	wnite.	•75	5	ducing, later in the season, in place of the flowers, pods of a deep purple color;
5.5 a	HILLY	15	****	**	10	very ornamental.
Elichrysum monstrosum	66	2	mixed.	1.00	5	Elichrysum Everlasting or Eternal
	"	2	white.	1.00	5	Flowers. Should be cut before the flow-
4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	66	2	yellow.	1.00	5	ers are fully expanded and dried in the
	**	2	rose.	1.00	5	shade, if desired to be saved for winter
Resementic element	11					boquets.
Eragrostis elegans		2	****	1.00	5	Eragrostis.—Love Grass, for dried bo-
Erica (Cape Heath)	gS	2	finest mix'd		25	erica.—Cape Heath.
Erysimum Arkansanum	hA.	1	yellow.	.60	5	Erysimum.—Showy annuals for borders
" Peroffskianum	11	11/2	orange.	.60	5	or masses.
Erianthus Ravennæ	hP	10	•••	1.50	10	Erianthus.—A superb grass, resembling
22 4 4 4 4 4						Pampas grass.
Eschscholtzia californica	hA	X	yellow.	•50	5	Eschscholtzia.—California Poppy.
alba	£6 £6	I	white.	.50	5	Eschscholtzia californica fl pl.—See
rosea		1	rose.	.50	5	Novelties. Eschscholtzia carminea grandiflora
carminea (grandiflora rosea)			****	• •		rosea.—See Novelties.
" crocea fl. pl			• • • •			Eschscholtzia crocea fl pl.—See Nov-
· ·						elties.
mandarin			****			Escholtzia mandarinSee Novelties.
mixed			• • • •	••		Eucalyptus.—Blue Gum Tree or Fever
Eucalyptus globulus	shrub	20	••••	2.00	25	and Ague Plant.







NASTURTIUM

Eucharidium grandiilorum hA i crimson. white i global said and striata i global striata i g	MIMULUS.						NASTURTIUM.
Euphor bia variegata	NAME.	Hardiness and Durution.	Height.	Color of Flower.	Price Per Oz.	Per Pkt	GENERAL OBSERVATIONS.
Euphorbia variegata	Eucharidium grandiflorum	hA	1		75	5	
Eutoca multiflora.  " i 15/2 pink. " Siedida alho striata " " i white&blue. " 5 rosy illae. " 6 rosy illae. " 7 rose.	" album						
Fenzila dianthifora.  " * ** ** ** ** ** ** ** ** ** ** ** **	Eutoca multiflora					5	
Feverfew.  Forget-me-not  Four o'clock  Fraxinella  Fr							FenzliaSplendid dwarf growing plant,
Four o'clock. Foxglove Four o'clock Foxglove Four o'clock Foxglove Four o'clock Foxglove Four o'clock Gaura Gaillardia Gaillardia Gaillardia Gaillardia Gaillardia Gaillardia Gaura Geranium							work or windows. Remains in bloom a long time.
Foxglove. Fraxinella. Fraxinel		* *					
Foxglove.—See Digitalis.—See Dictalins.—See Dictaling. Sea Dictalins.—See Dictali	Four o'clock				'		Four o'clock.—See Mirabilis.
Fumitory (climbing).  Gallardia picta.  Albh Al 1/2 white deed 1/25 or or arbors.  Garanium Gilia — hA I shad 1/2 white deed 1/25 or or arbors.  Garanium — hA I shad 1/2 white deed 1/25 or or arbors.  Geranium — hA I shad 1/2 white deed 1/25 or or arbors.  Geranium — hA I shad 1/2 white deed 1/25 or or arbors.  Gilia — hA I shad 1/2 white deed 1/25 or or arbors.  Gilia French hybrida, saved from choicest flowers.  Globe Amaranthus.  Globe Amaranthus.  Globe Amaranthus.—See Gomphrena.  Godetia mbicunda.  " The Bride " 1/2 white 1/2 white 1/2 shad 1/2 white 1/2 shad 1/2 sha	Foxglove	••					
Fumitory (climbing)  Gaillardia picta.  AhA 1½ wellow. To mixed. 75 swite & red large for bedding, also charming for properties white egged 1.25 swite & red large for bedding, also charming for properties white egged 1.25 swite & red large for bedding, also charming for properties white egged 1.25 swite & red large for bedding, also charming for properties white egged 1.25 swite & red large for bedding, also charming for properties white egged 1.25 swite & red large for bedding, also charming for properties white egged 1.25 swite egged 1.25 swi	Fuchsia hybrida	hhP			1 1		Fuchsia.—Saved from choicest varieties.
" albo marginata. " 1½ white edged. 1.25 white deged in white edged. 1.25 white extend in the extending for bedding, also charming for pot plants.  Geranium.	Fumitory (climbing)			1 .			
Gaura Lindheimeri.  Geranium.  Geranium.  Gilla.  hA I finest mix'd 50 50 50 500 Amaranthus.  Globe Amaranthus.  Globe Amaranthus.  Godetia rubicunda.  "Inhe Bride.  "Inh	46 - 46	**	1.1%	mixed.	.75	5	adapted for bedding, also charming for
Geranium	" albo marginata						
Gilly Flower. Globe Amaranthus. Gloxinia French hybrida, saved from choicest flowers. Godetia rubicunda.  "The Bride. "The Bride. """ "Inest mixed. """ """ """ """ """ """ """ """ """ "		}				,	ceous plant.
Gilly Flower.—See Ten Weeks Stock. Globe Amaranthus.—See Gomphrena Gloxinia.—Stove house plants of great beauty.  Tose.			1		.50		Geranium.—See Pelargonium.
Goldetia rubicunda	Gilly Flower				••	••	
choicest flowers.  Godetia rubicunda.  hA 1/2 rose.  "The Bride.  "Inest mixed.	Globe Amaranthus	••	••	••••	••	**	
"The Bride" '' '' '' '' '' '' '' '' '' '' '' '' ''	choicest flowers				1		beauty.
Golden Eternal Flower  Gomphrena glohosa  """ alba  """ alba  """ rubra  """ white  """ mixed  """ wariegata  """ mixed  """ mixed  """ mixed  """ mixed  """ wariegata  """ mixed  """ mixed  """ white  """ mixed  """ white  """ white  """ mixed  """ white  """ white  """ mixed  """ white  """ white  """ mixed  """ yellow  """ Smallest I-emon  """ Gooseberry  """ Gooseberry  """ Gooseberry  """ Gooseberry  """ Small Pear Shaped  """ Silver  """ Gypsophila elegans  """ hA 1½ white  """ paniculata  """ paniculata  """ hA 2¼ pink  """ muralis, fine  """ hA 2¼ pink  """ muralis, fine  """ hA 2¼ pink  """ shaped  """ should be cut when fully grown and hung up to dry in a dark dry place.  Extensively used in Christmas Evergreen Wreaths.  Golden Feather.—See Pyrethrum.  Gourds, Hercules' Club  """ Gooseberry  """ 6 """ 5 ""  """ Gooseberry  """ 6 """ 6 ""  """ Small Pear Shaped  """ 6 "" 6 ""  """ Small Pear Shaped  """ 6 "" 6 ""  """ Small Pear Shaped  """ 6 "" 6 ""  """ Silver  """ 6 "" 5 "  """ 6 ""  """ Silver  """ 6 ""  """ 6 "		66		1		5	
Gomphrena glohosa			1 -		.75	5	
## ## ## ## ## ## ## ## ## ## ## ## ##		••	**	****	**	••	sum.
" "rubra	Gomphrena glohosa	b b A	1		1 1		
Golden Feather.  Gourds, Hercules' Club.  Mock Orange.  Smallest I emon.  Small Pear Shaped.  Gynerium argenteum.  Gypsophila elegans.  Hawkweed.  Hawkweed.  Heartsease.  Hedysarum coronarium.  Hawkweed.  Helianthu 1 macrophyllus giganteus.  Helianthu 1 macrophyllus giganteus.  Howked.  Howked.  Howked.  Howked.  Howked.  Howked.  Howked.  Helianthu 1 macrophyllus giganteus.  Howked.  Howked.  Howked.  Howked.  Howked.  Howked.  Howked.  Helianthu 2 macrophyllus giganteus.  Howked.  Helianthu 3 macrophyllus giganteus.  Howked.  Helianthu 3 macrophyllus giganteus.  Howked.  Howkweed.  Heartsease.  Howked.  Helianthu 3 macrophyllus giganteus.  Howked.  Howked.  Howked.  Howked.  Howkweed.  Helianthus.  Howked.  Helianthus.  Howked.  Helianthus.  Howked.  Helianthus.  Howked.  Helianthus.  Howked.  Helianthus.  Helianthus.  Howked.  Helianthus.  Helianthus.  Howers.  Helianthus.  Helianthus globosus fistulosus fl pl.—	rubra	6.6					and hung up to dry in a dark dry place.
Golden Feather  Gourds, Hercules' Club	variegata		1				
"Mock Orange	Golden Feather		_	••••		_	Golden Feather.—See Pyrethrum.
" Smallest I emon							
"Gymnothrix latifolia	" Powderhorn		15			5	colors; very desirable for trellises, screens
"Small Pear Shaped"  Gymnothrix latifolia	" Gooseberry	**		- "			or arbors.
Gynerium argentenm	oman rear phapeum					5	Compatheir Salaudid armanantal crass
muralis, fine		nne					Gynerium.—Pampas Grass.
"muralis, fine						5	Gypsophila Fine airy flowers, suitable
Heartsease	" muralis, fine						masses
Hedysarum coronarium		• •					
Helianthu i macrophyllus giganteus hA 10 yellow. californicus double		hhP					HedysarumPrench Honeysuckle. Red
californicus double	Helianthu i macrophyllus giganteus	hA	10	yellow.	•75	10	
globosus installosus, it. pi 1 4   sai. color75   5   Meliantitus globosus installosus it pi	" californicus double	- 66	6	orange.	•5°	5	plants with immense yellow flowers.
hands picha 2 kible yellow 5 Prowers very large and double.	nanus plena	**		dbl. yellow.	.60	5	



LOBELIA. (Page 19).

## CHOICE NOVELTIES

IN

## FLOWER SEEDS,

## FOR 1884.

Aster—Dwarf Victoria, White and Dark Blue.—For pot culture, and for dwarf beds and edgings, no race of Asters is better adapted than the Dwarf Victoria, the refined form	Pkt.
of its flowers rendering them at all times highly at ractive. This new variety offered	C0.00
present a charming combination of colors	50 25
Aster-Dwarf Paony Perjection, Pure WhiteThis new sort produces flowers of dazz-	
ling white, and is exactly the same in habit of plant and form of flower as those pre-	
viously introduced of the same season. The Dwarf Pæony Perfection Asters are in	
every way excellent, and we especially advocate their more general culture	.25
Bellis Perennis (Double Daisy),—Longfellow. This Novelty is said to come true from seed, and is of unusual size and doubleness, flowers dark rose, besides the plants are at once notic able owing to the length and firmness of their flower stalks, where-	
early sown seed, and had in flower in a comparatively short space of time	.25
seed, and is of unusual size and doubleness, flowers dark rose, besides the plants are at once notic able owing to the length and firmness of their flower stalks, whereby the flowers are quite valuable for bouquets. Daisies may be raised easily from	.25

Begonia-(Carter's) Crown JewelFor foliage and general beauty, the Tuberous-rooted	Pkt.
Begonia stands pre-eminent. The collection offered of novel forms, will produce an	
abundance of trusses of graceful flowers from June till cold weather sets in. Whether	
required as bedding or as exhibition or decorative plants, the "Crown Jewel"	
collection will be found to produce varieties of the most distinct and charming shades	
of color, in every particular varying their gradations of tints. All colors mixed	80 50
Calceolaria—(Carter's) Victoria Prize.—These Calceolarias have beaten all others in com-	\$0 50
petition at the Royal shows of England, by the size and brilliancy of coloring of	
the flowers, and was described as the triumph of art. The flowers are enormously	
large in cushion, and very bright and true in color. All colors mixed	I 00
Cineraria—(Carter's) Brilliant Prize.—We offer these Cinerarias as being unquestionably	1 00
the most varied, best formed, and brilliant colored strain in cultivation. The dwarf	
habit of the plants, and richness and diversity of colors, place them in the first-class	
for general cultivation. Mixed colors	. 50



GODETIA "DUCHESS OF ALBANY,"

Clarkia—"Mrs. Langtry."—This is said to be an exceedingly beautiful form of Clarkia. The petals have an even edge, and the color of the flower purest white with an evenly defined disc or centre of brilliant carmine erimson. It is remarkably free, of dwarf, compact habit, and the flowers possess unusual substance. Whether as a pot plant or for bedding purposes, Clarkia "Mrs. Langtry" will be most welcome, and its easy cultivation specially recommends its use for children's gardens and amateurs	
generally	.15
Delphinium—Tom Thumb, Hyacinth-flowered, Double.—A beautiful annual, flowers reddish violet, about eight inches high, with one flower stalk, which is covered with flowers	
Exacum Affine. A highly valuable new biannual. The plants are dwarf and compact, and produce a great many beautiful lilac-colored flowers, and very aromatic scent. If early sown, the plant blooms the first year, and is also recommended for an orna-	25
mental winter flowcring plant	.25
of modern times and introduction, whether grown in groups in the garden or in pots in cold frames for conservatory decoration, it is unequalled for brilliancy and general	0.5
beauty. The flowers are of a beautiful deep rose-pink, shining like satin	25

.25

.25

. 50

.75

75

	Pkt.
Layia Elegans A novelty of great merit, star-like golden yellow flowers, white mar-	
gined. Annual	\$0.25
Linaria Maroccana Hybrida.—An annual varying in color-rose, carmine, crimson,	
purple, violet, chamois, and flesh colored	.25
Lobelia—(Carter's) Prima Donna.—A new crimson maroon Lobelia. 'Tis said that no	,
modern introduction to the world of flora has received a heartier welcome than was	
accorded to this charming novelty when it was placed before the committee of the	
Royal Horticultural Society. The members of the committee, as well as all other	
horticulturists who have seen Lobelia Prima Donna, have pronounced it to be a gem.	
The habit of plant is dwarf, color of flower rich velvety maroon, with a small white	
eye thickly studded over the entire plant, that produces an effect that is unique and	
beautiful	0.1
DR.AHHHBB	.3 C



CALCEOLARIA "VICTORIA PRIZE." (See page 18).

Mignonette—Reseda Odorata Grandiflora "Machet."—This new variety is of French origin, and is pronounced a valuable novelty. The dwarf and vigorous plants are of pyra midal growth, and furnished with very dark green leaves; they throw up numerous stout flower stalks terminated by long and broad spikes of deliciously scented red flowers. Very distinct, and fine for pot culture
Nanophila Atomania Arocoerulea—(Carter's) New.—Color ultra-marine blue, pure
white centre, with a zone of black purple. This new variety has been greatly ad-
mired by all lovers of this class of flowers
Petunia—Double Lilliput (Benary).—These new double varieties are much admired. The
flowers, which are small and double, are borne on dense bushes in various shades of
color, giving the plants a most pleasing appearance, and will win the good graces
of all lovers of flowers
Petunia—Large Flowering Yellow throated (Benary).—The characteristics are large-sized
flowers, faultless in form, with a broad and deep yellow throat that is generally after
the manner of the Salpiglossis. But very little seed is obtained from this variety
Primula—(Carter's) New "Holborn Group."—This class of Primulas are considered the
largest and best prize varieties of England. The seeds we now offer were grown by
the Messrs. Carters, and includes their collection of named varieties. Finest mixed,
a great variety of colors

Primula—Chemensis Fimbriata Pulcherima (Benary).—This beautiful new variety of the Chinese Primrose produces pure white flowers, which differ from the well-known Fimbriata Alba by their being marked with a distinct light violet eye. The coloring is delicate, fine form, and prettily fringed, dark foliage. It is deserving of particular	Pkt.
attention	\$0.75
Statice Suworowi.—This new annual species comes highly authorized, and if sown early and successively may be had in bloom during the entire season. Each plant produces ten to fifteen flower spikes from fifteen to twenty inches in height, of a very bright rose shaded with crimson. The entire bed is a charming sight, the foliage being	* **
almost hidden by the flower spikes	. 50
be of high value to florists for cut flowers and for market plants	. 50



SUNFLOWER "HENRY IRVING."

Sunflower—Miniature.—This new dwarf variety is highly ornamental for beds or borders.  The flower is about one inch in diameter, with a dark centre, surrounded with an	
over-lapping row of broad deep golden petals	.15
Sunflower—(New), "Henry Irving."—A hardy annual about three feet in height, with single	
flowers about two inches in diameter. The dark centre is surrounded with one	
single row of golden-yellow petals. It is a magnificent bedding plant, either as a	
ainala unadiman an in magga	.15
Sweet Pea—Adonis.—This is a new and distinct addition to the Sweet Pea family. It	2
supplies a want long felt in the range of colors, the bright rosy carmine blossom contrasting most pleasingly with the pure white, invincible scarlet, and other more	
decided shades in cultivation	.25

#### CANNA EHEMANI.

This is a magnificent Canna. It grows to the height of five or six feet, with large banana-like foliage; flowers large, resembling a gladiolus bloom; color crimson scarlet, and hanging pendents in elusters from the top of the plant. Each stalk produces a succession of clusters for a long time. This Canna may be treated as a semi-aquatic plant by planting in a large tub partially immersed in water. It is a grand acquisition, and should be in every garden. Each plant, 50c.; by mail, 10c. additional.

## SPECIALTIES

IN

# FLOWER SEEDS,

	TD La
Acroclinium Roseum Flore Pleno.—This splendid variety needs no special recommendation. Among all the everlastings cultivated the Acroclinium has always been one of the finest and the most desired, and undoubtedly this double variety will rank	Pkt.
foremost in the cultivation of everlastings.  Ammobium Alatum Grandiflorum.—Is a very fine large Ammobium, nearly twice the size of the old variety, and is purely white. We consider this a fine addition to our	\$0.15
everlasting flowers.  Ailium Azureum.— A very showy bulbous-rooted plant from Hungary, grows two feet in height, with large heads of azure blue flowers. It is perfectly hardy and easily	.10
raised from seed.  Alonsoa Grandiflora Chamois. – As regards habit of growth, size of flower and floribundity this is a very pretty new variety; its neat blossoms are of an intense	.10
chamois rcd	.10
varieties mixed	.25
those of the single flowering species  Begonia Semperflorens Rosea.—This Begonia is wonderfully profuse in bloom. The flowers are rose-colored, shading into pale pink towards the centre. In the open	.25
ground, however, and in a sunny situation, the color changes to a bright carmine  Browallia Roezli.— This variety is a decided acquisition, a compact plant, producing	.50
large shaded blue flowers double the size of those of the other species	.25
the ears are shorter and of great elegance Briza Speciosa. A handsome annual Brazilian grass, growing about eight inches in	.10
height, very graceful, and by its erect habit, quite distinct from other species of quaking grass. Useful for bouquets of everlasting flowers, wreaths, &c	.25
and highly recommended for Autumn flowering groups	.10
flowers; the calyx is of the same color as the corolla, forming a cup round the base of the bells	.10
Campanula Nobilis Alba.— A handsome, hardy, perennial plant, grows one foot in height, with very large white bell-shaded flowers	.10
Campanula Speculum, (Double).—A new variety of the well-known Venus' Looking-glass; with double flowers, dwarf, compact growth, fine for bedding	.10
Candytuft, (Carter's New Carmine).—This variety is of compact habit; the plants present one mass of vivid carmine when in flower; very distinct from all others	,10
Carnation Dwarf, (Early-flowering Vienna).—Quite distinct, blooming two weeks earlier	.15
than other varieties. Habit, dwarf and robust.  Chrysanthemum Frutescens, (White Paris Daisy).—This is the "White Marguerite" of the Paris flower markets, the cut flowers of which are now so popular among our florists during the Winter months. The disc of flower is yellow, surrounded by a	
ray of pure white florets	.10
is similar to the preceding, except in the color of the petals, which are of a soft gold- en yellow	.10
centage of fine double flowers; excellent for bouquets, etc	.15

	Pkt.
Cockscomb, (Glasgow Prize.)—A very fine dwarf variety, with dark leaves and crimson comb, quite distinct and constant; one of the most splendid strains of this popular	A #6.
plant	\$0.10
Convolvulus Minor Kermesucins Violaceus.—A new and very brilliant variety of this	
popular annual, with crimson-violet flowers.	ران
Convolvulus Minor. (Rose Queen).—A charming variety, with rose-colored flowers, centre	
pure white, fringed with purple violet, shading off into ribbands of golden yellow	.10
Cyclamen Persicum GiganteumA very handsome large-flowered and greatly im-	
proved form of this useful and elegant class of plants. The leaves are beautifully	
marked, and the flowers, which are thrown well above the foliage, measure about two	
and a half inches in length, and of fine form and substance. Mixed colors	.75
Cynoglossum Cœlestinum.—This new variety has bright sky-blue flowers, much resem-	./3
bling Forget-me-not, but larger; hardy annual of the easiest culture	.10
Dahlia Coccinea.—This single brilliant scarlet Dahlia is very popular, and easily raised	
from sced; flowers the same season sown	.10
Dahlia Single Annual Varieties, that have become very popular of late for their useful-	
ness as cut flowers and bedding purposes; splendid mixture of colors	.15



TAGETES PUMILA "GOLDEN RING." (See page 24.)

Delphinium Hybridum.— This double perennial Larkspur is from an unrivalled collec- tion of the finest varieties, including the most brilliant shades of colors in light and	
dark blue, and white centres	.25
Erysimum Pulchellum.—A dwarf yellow-flowering herbaceous plant of such densely tufted growth as to completely hide the ground; its great hardiness makes it suitable	
for any situation	.10
Gaillardia Picta Lorenziana.—Is a very fine double Gaillardia, with a head two inches	
in diameter	.10
Godetia, (Duchess of Albany).— This fine Godetia produces large clusters of Œnothera-	
like flowers of a beautiful glossy satiny white, each flower when fully expanded measures four inches in diameter. The flowers give to the plants the aspect of	
charming miniature Rhododendrons or Azaleas, and so profusely cover them as to	
render the foliage almost imperceptible; a most valuable addition to hardy annuals,	.15
	.10
Gomphrena Globosa Nana Compacta.—A dwarf and distinct form of the pretty Globe	
Amaranthus; of very compact growth, attaining only five inches in height by eight in diameter, the flowers are rich purple, same size as the old kinds	.10
Godetia, (Lady Albemarle)—A beautiful variety of this showy annual, distinguished from the type by the neat dwarf and compact habit of the plants, which bloom in a great profusion of rich carmine-crimson flowers	. 10

Helianthus, ("Oscar Wilde)."-The famous Newport Corsage Sunflower. An entirely	Pkt.
distinct variety. The plant is dwarf and pyramidal in form; flowers are small, with	
jet black centre, surrounded with an overlapping row of broad, deep golden yellow petals, and are produced in the greatest abundance from June until killed by the	
frost. Its small, compact growth and great profusion of flowers makes it a desirable	
plant, either as a single specimen or for masses	\$0.25
Larkspur Dwarf Ranuneulus Flowered. White tinged with Silver).—A charming variety, the color of which is very delicate and much more pleasing than many other	
varties	.10
Lobelia, (White Gem.)—Dwarf and dense, pure white flowers. In habit it is beautiful	.15
Marvel of Peru, Dwarf, (Pure White.)—When fully developed the plants do not exceed nine to ten inches in height, and constitutes a charming compact little bush studded	
with snow-white flowers and clothed with the fine yellowish foliage common to the	
sorts grown under the name of Mirabilis Jalapa foliis variegatis	
Matricaria Exima Nana Aurea.—Double flowering dwarf golden-yellow and curled-leaved Fever-few, lately introduced, of close compact growth	¥ 5
Mimulus, ("Queen's Prize.")—This is a new and magnificent strain, which has been pro-	• * 5
duced by careful selection for several seasons. Many of the flowers measure from	
two to three inches in diameter, the colors comprising mottled shades of rich purple, crimson, yellow, and ruby red	.25
Mimulus, (Ruby.)—Flowers of a brilliant ruby-crimson color, with an orange throat spotted	3
with crimson; average size, 2½ to 3½ inches across.	.25
Myosotis Alpestris Robustus Granciflora The flowers of this variety exceed by far in size any other Alpine Forget-me-not. They are sky-blue in color with a clear yel-	
low eye. The plant resembles in habit the form of a Candelabrum. A fine market	
plant	.10
ment upon King of Tom Thumbs as regards color. The plant is no more than six	
inches high, very compact and bushy; flowers of a brilliant fiery vermillion dazzling	
to look upon	. 10
inches in height, and producing freely at the extremities of very long hairy tubes	
New Virginia Stock, (Fairy Queen.)—A very elegant variety, of dwarf and compact	.10
habit. The flowers when first expanded are bright rose, with a distinct approach to	
scarlet, which, as they become older fade to a lighter hue. When seen in a mass, the	
combination of these tints produces a soft, bright hue that is most pleasing. A fine border plant	.10
Pansy, (Lord Beaconsfield.)—The ground color of the flower of this elegant Pansy is pur-	0
ple-violet, shading off on the top petals only to a whitish hue,—a peculiarity which	
lends to the whole flower an unusually bright appearance	.50
white Pansy. They are of a particularly delicate sating white with a slight tinge of	
yellow towards the centre. A fine border variety	.25
The flowers are of a rich glowing vermillion, with a deep shining black spot at the	
base of each petal. Very highly recommended	.10
Papaver, ("Danebrog.")—A single flowering Poppy of striking effect. The flowers are of a brilliant scarlet color, bearing on each of the four petals a large silvery white spot,	
forming a white cross on scarlet ground, similar to the Danish or Swiss national banner	.ro
Papaver Brueteatum.—Splendid hardy perennials; flowers large, bright orange-crimson with black spot at base of each petal	7.0
Petunia Hybrida Maxima Flore Pleno Brillantrose.—The most attractive and most	.10
brilliant of all double flowering Petunias. Its lovely color, combined with its com-	
pact growth, makes it a valuable addition to every collection of these favorites; being constant in character and producing a large percentage of magnificent double	
flowers, it may justly be called a first-class Novelty	.50
Petunia Grandiflora Fimbriata.—Large flowering single-fringed Petunia. In packages comprising white, crimson, blotched, striped and veined varieties in handsome mixture,	50
Petunia Grandiflora Fimbriata, fl. pl.—Large flowering double-fringed Petunia; splendid	.50
mixture of colors, equal to single fringed sorts	. 50
Petunia Hybrida Nana Compacta Multiflora. (New Dwarf Inimitable.)—Each plant forms a compact and densely-branched bush; resembling a natural grown bouquet.	
Seedlings when only three inches in height begin to unfold their charming flowers in	
various stepes and mottles	.25
distinguished for its semi-dwarf stature. The plants are compact and symmetrical,	.50
	,

	Pkt.
Polyanthus, Primula Elatior. — A very interesting class of early Spring flowering perennial plants. One of the oldest florists' favorites. Extra choice varieties mixed,	\$0.10
Primula, Carter's Blue, (Holborn Gem.)—Is undoubtedly one of the most distinct and	
beautiful varieties of this interesting. Winter blooming plant yet offered to lovers of	
the Primulas. The truss is large, color fine and charming	-75
Primula Sinensis Frimbriata Alba Magnifica. (Primrose.)—The plants are of compact habit, and have deeply indentated light green leaves. They produce abundantly large trusses of pure white flowers with a citron eye, and deeply and beautifully	
fringed	



ACROCLINIUM ROSEUM FLORE PLENO. (See page 21.)

ACROCLINIUM ROSEUM FLORE PLENO. (See page 21.)	
Phlox Drummondi Hortensiaeflora Alba.—This is without doubt the finest white Phlox obtained up to the present time. It is dwarf and compact; its umbels of white flowers are usually large.  Reseda Odorata Ameliorata. (Golden Queen.)—Sweet Mignonette; an attractive and distinct variety of dense pyramidal habit of growth. It throws up numerous flower	.10
stalks terminated by spikes of golden yellow blossoms, the bright green foliage of the plant forms a pleasing contrast.  Silene Pendula Compacta Rosea Flore Pleno.—It is a dwarf compact growth, and its double flowers are produced in great profusion so as to hide the foliage completely;	
valuable for bedding purposes  Solanum Lobelii.—A variety averaging fifteen inches in height, and producing abundantly beautiful fruit which are as large as a plum when fully grown. While growing, the fruit undergoes a change from green to orange, becoming at maturity of a blood red	.50
Tagetes Pumila, (Golden Ring)—elected; color, rich orange; habit, short and compact; blossoms numerous; a really good golden orange bedding plant	.10





PRIMULA.

TROPÆOLUM.

I KUMO LA						I KOPZEULUM.
NAME.	Hardiness and Duration.	Height Feet.	Color of Flower.	Price Per Oz.	Per I'kt.	GENERAL OBSERVATIONS.
Helianthus nanus fol. var			• • • •	••		Helianthus nanus fol. var.—See Novelties.
Heliotropium, dark varieties Hesperis matronalis		2 2	mixed.	3.00	15	Heliotropium.—Heliotrope. Hesperis.—Sweet Rocket; white and pur-
Hibiscus africanus	hA	11/2	sul.&black.	.50	5	ple flowers; free blooming, Hibiseus. — Commonly named African Rose.
Hollyhock, best double	hP	6	mixed.	2.00	10 25	Hollyhock.—Saved from the best double sorts of the finest strains.
Humea elegans	hhB	6	red.	3.50	• •	Honesty.—See Lunaria. Humea.—Desirable for conservatory and for lawns. Flowers ruby color growing
Hyacinth Bean	hA		mixed.	.30		in drooping racemes.  Hyacinth Bean.—See Dolichos.  Iberis.—One of the best of annuals; excel-
" coronaria white rocket" " umbellata " purpurea (Dunnetts)		1	dark crim.	.30	S S	lent for growing in masses, edgings, borders, rockeries and rustic work.  I. sempervirens, or perennial Candytuft,
" lilacina	hP	I	deep pur.	.30	5	is perfectly hardy, flowering very early in the spring.
" pecunata odorata	••	1	****	•30	5	Ice Plant.—See Mesembryanthemum. Indian Shot.—See Canna.
Ipomæa bona nox	hhA	10	white- searlet-	•75 •75	10	Ipomæa bona noxEvening Glory. I. coecineaStar Ipomæa. I. grandi-
" marmorata grandiflora quamoclit (Cypress Vine)	66 66	10	varicgated.	•75 •50	5	quamoelit.—Cypress Vine. An elegant
εξ εξ	46	10	scarlet. crimson. white.	•50 •50	5 5 5	and exceedingly graceful fine foliaged climber, with star like blossoms of vari- ous colors. The seed should be sown the
Ipomopsis	hhB	10 3	rose. mixed.	.50 1.00	5	last of May in a warm sunny location.  Ipomopsis.—Fine for back-ground work, and for centres of beds; flowers in spikes
Jacobæa	••		••••			of scarlet and orange.  Jacobæa.—See Senecio.
Job's Tears	hA	ı	blue.	.80	5	Job's Tears.—See Coix lacryma. Kaulfussia.—Dwarf habit and compact
Lady's SlipperLantana, hybrida finest		2	mixed.	1.50	10	growth.  Lady's Slipper.—See Calceolaria.
Lathyrus odoratus (Sweet Pea)	hA	5	mixed.	.15	5	Larkspur.—See Delphinium.  Lathyrus.—Sweet Pea. Fragrant and
finest assortmentper lb. striped Capt. Clarke	hA "	5 5	black pur.	.20	5	profuse flowering climbing plants continuing in blossom throughout the season.  The seed should be sown as carly as the
" Crown Princess of Prussia	"	5	blush. dark.	.20	5	ground can be worked in the spring, to enable the vines to get a good strong
" invincible	66	5 5.	scarlet.	.20	5	growth before the warm weather comes. Sow the seed in rows and support the vines with brush, or with strong twine
" white	"	5 5 5	10 colors.	.20	5 50	fastened to stakes set among the plants.  Our seed is saved only from the very
Lavatera trimestris	44	3 3	rosc.	.50	5 5	finest sorts cultivated, and are true to name.

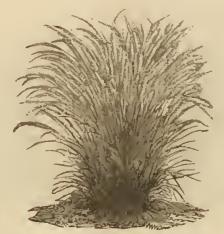




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SCABIOSA.

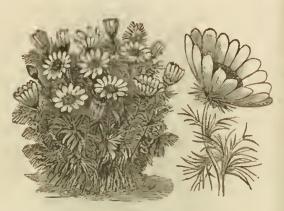
NAME.    So   Single   So   Single   Si	ashioned peculiar
Lavendula	peculiar
odor.	
Leptosiphon hybridus, French hA 1/4 various. 1.75 10 Leptosiphon.—Very pretty for ribl and borders; colors blue, white & yel. 1.75 5 and borders; colors blue, white & yel. 1.75 5 and borders; colors blue, white & yel. 1.75 5 blue, white & yel. 1.75 5 blue white & yell white &	
Linaria cymballaria	Ivy.
Linum grandiflorum rubrum	wers.
Lobelia cardinalis Queen Victoria hP   2   scarlet.     25   Lobelia cardinalis. — Cardinal	
" speciosa Crystal Palace " ½ " 2.50 10 speciosa.—One of the most effer erecta, " compacta " ½ azure blue. 4.00 15 ricties for bedding. L. erecta.	ective va- —Excel-
bedding; very fine and compact.	
Lophospermum scandens	et-shaped
Lotus Jacobæus	ispanica.
Love-in-a-puff. — See Balloon Vi Love-lies-bleeding. — See Am caudatus.	
Lunaria annua	
" peren'l " hl? 2 " long spikes of rose, white, lilac, low and blue flowers.	red, yel-
Lychnis Haageana Fine Hybrid hP 1 scarlet. 1.50 10 Lychnis.—Ragged Robin. Maize Japanese hA 4 striped leaf 20 5 Maize. — Striped Japanese Cort	n. Very
Malope grandiflora	nt.
Marigolds	
Matricaria capensis fl. pl	nd very
Maurandia Barclayana	it. Dia-
mond Plant.	
Mimosa pudica	Flower;
"tigrinus	on. M.
Mirabilis Jalapa	trailing
plants; fruit ornamental, yellow when ripe, bursting open, show brilliant carmine interior.	outside, ving its
Monkey Flower.—See Minulus.  Morning Glory.—See Convolvulu	s ma <b>jor.</b>
Mourning Bride Mourning Bride.—See Scabiosa.	





THE STATE OF THE S						WI
STIPA.						SWEET WILLIAM.
NAME.	Hardiness and Duration.	Height Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Mukia seabrella	A	10	sc. fruit.	5.00	10	MukiaHandsome Climber, with scarlet
Musk Plant		·· ½ ½	blue. dark blue. blue.	• •	10 10	berries.  Musk Plant.—See Minuius.  Myosotis.—Forget-me-not; thrives best in moist and shady situations.
Myrsiphyllum asparagoides	gP	10	foliage orn.	3.00	15	Myrsiphyllum.—Smilax; very graceful climber. Valuable for cutting for boquets and decorations.
Nasturtium	hA.	1 1	white.	1.50	10 10	Nasturtium.—See Tropæolum. Nemesia.—Compact growing and immensely profuse flowering.
Nemophilla insignis	66	1 I	mixed.	.50 .50	5	Nemophilia.—Very pleasing whether arranged in masses, ribbons or borders; of very compact growth and free flowering.
Nicotiana atropurpurea grand  "tabacum fol. var  Nierembergia gracilis	66	8	purple. str. leaf.		10	Nicotiana tabacum fol. var. — New, striped leaves.
Nigella damascena, fl. pl	hA	1 1 1/2	dark blue.	.40	10	Nierembergia.—Well adapted for edgings or rustic baskets. Nigella.—Devil-in-a-bush. N. hispanica.
" hispaniea Nolana atriplieifolia	66	1 1/2 1/2 1/2	purple, mixed.	.40 •40	5	—Love-in-a-mist. Nolana.—Trailing plants; very useful for rustic work, hanging baskets and rockeries.
Nun's Whipping Post	••	• •		••	• •	Nun's Whipping Post. — Amaranthus melancholicus.
Nycteriria capensis  " selaginoides  Obeliscaria pulcherrima	hhP hP	3/4	wht. & blue pink. maroon.	4.00	10	Nycterinia.—Beautiful dwarf plants covered with pink blossoms.
Œnothera grandiflora Lamarckiana.		3	yellow.	1.00	5	Enothera.—Evening primrose; large flowers 3 to 4 inches in diameter.
Pansy Papaver carnation double "Pæony flowered, double	hA	2 2	mixed.	.50	5 5	Pansy.—See Viola tricolor. Papaver.—Poppy; brilliant flowers, large and showy.
" Ranunculus flowered French umbrosum		1	44	•75		Papaver umbrosum.—See Novelties.
Peas, Sweet	ыhP	1 1/2 2	various. mixed.	••	25 25	Peas, Sweet.—See Lathyrus odoratus. Pelargonium.—Geranium. Pentstemon.—Herbaceous plants; start in hot-bed, in shape the flowers resemble the
Perilla nankinensis	hhA	2	foliage orn.	.60	5	Perilla.—Invaluable for contrasting with silver-leaved bedding plants; bronzy purple.
Petunia grandiflora Kermesina " maculata Inimitable. " " narawaa	hhP	2	crimson. blotched.		50 50	Petunia grand. kermesina.—With white throat; very large. P. grand. macula-
" splendid single " extra fine, double " fimbriata, splendid	66	2 2	purple. mixed.	••	50 50 50	ta. — Large flowering; blotched. P. grand. purpurea. — Fine dark varieties; splendid. —P. splendid single. —Saved from the choicest flowers; very large. P.
mixture, fringed varieties  Petunia hybrida, extra fine  " grandiflora fimbri- ata, fl. pl, splendid mixture		2	mixed.	5.00	15	extra fine.—Double.—The seed of this strain has been obtained from the most perfect double blooms only.  Petunia grand. fim. splendid mixture,
Petunia hybrida, first quality	hhP	2	mixed.	1.25	10	fringed varieties.—See Novelties. Petunia hyb. grand. fimbriata, double,
" phœnicea	hhP	2 2	purple. white.	.80	5	splendid mixture.—See Novelties. Petunia n. com. mult.—See Novelties.





LINUM GRANDIFLORUM RUBRUM.

ADONIS.

/						
NAME.	Hardiness and Duration.	Height Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL O
Phlox Drummondi	liΑ	ľ	finest mix'd	00.1	5	Phlox.—Excellent
" alba	£¢.	1	white.	1.25	5	for borders, flowe
" alba oculata	66	1	wht. & pur.	1.25	5	Alba oculata.—
atropurpurea	66	1	purple.	1.25	5	-Atropurpurea
coccinea	6.	1	scarlet.	1.25	5	blood purple. Co
15dUCIIIIIa	46	1	yellow.	1 25	5	let —Leopoldi Radowitzki. —
Beoporarii	46	I	red.	1 25	5	Victoria.—Blue
Radowitzki  Gueen Victoria	66	1	b. & w.	1.25	5	Victoria. Diac
" perennial sorts	hP	3	10 varieties	, -,	5 5	
Poppy	**			••		PoppySee Papa
Poor Man's Weather Glass			• • • •	• •	• •	Poor Man's W
Portulaca finest single	hA	1/2	mixed.	1.00	5	Portulaca Bea
alba striata	6.6	1/2	striped.		10	blooming all sum
" aurea striata	44	1/2	c.	• •	10	sunny situation.
vera	- 66	12	golden.	•••	10	<ul> <li>posed lawn border</li> </ul>
" caryophylloides	66	1/2	maroon.	••	10	for rockeries—the
" rosea	46	1/2	rose.	••	10	surpassed for bi
" splendens	66	1/2	purple.	••	10	noticable that a
Thellusoni	66	1/2	crimson.	••	10	seed itself for a
I HOTDHTHI	44	3/2	orange.	**	10	cession, being r
granuttiona dole.cxtraquar.	66	1/2	mixed.	**	15	climate.
donnie good	hP	1/2	66	••	10	PotentillaHand
Potentilla single		1/2	66		25	highly recommen
" double	• •	•••			23	of foliage and lor
Primula sinensis	hhP	3/.	66		25	Primula.—Should
" " fimbriata	46	3/	44		50	in February and
(( (( ((	64	3/4 3/4 3/4	red.		50	follow the Engli
66 66 66	44	3/4	white.		50	July and August,
" sinensis fim. alba. magnifica						less successful in
" Carter's Perfection	hhP	3/4	deep car.		50	is raised by one
" Village Maid	66	3/4	car. striped	••	50	growers in Englar
" Versuvius	6.6	3/4 3/4 3/4	scarlet.	••	50	the best satisfacti
" Exquisita	66	3/4	deep crim.	••	50	P. sin. fim. alba
Pyrethrum parthenifolium aurea	hP	I	foliage yel.	2.50	10	Pyrethrum.—Gol
" Golden Feather		••		• •	•••	few. P. fol. la
" parth. aurea fol. laciniatis	hP	1	foliage yel.	•	20	with elegant laci
Qualing Grass						Quaking Grass
Quaking Grass		• •				Ragged Robin.
Reseda odorata		1	buff.	25	5	Reseda.—Mignon
" "ameliorata		1		- 3		rata is a large flo
" " Golden Queen		••	red.	.50	5	ramidal growth,
" Miles' New Spiral		11/2	buff.	2.00	25	Miles' New Spira
" gigantea pyramidalis	- 64	2		1.00	10	bearing flowers in
" Parson's New White	66	11/2	white.	1.00	10	inches in length a
" The Prize	66	1/2	buff.	1.00	10	R. odorata.—Gol
Rhodanthe maculata		I	crimson.	2.50	10	elties.
" alba		I	white.	3.00		n'
Rieinus borboniensis arboreus		15	orn. fol.	.50		Ricinus. — Castor
giganteus giaucus		10	6.	•50	7	stately growing, o
GIUSUIII		8	46	.40		whose immense l
sangumeus (Obermanni)	1	10	66	.40		
species from the rumppines	1	10	44	.40		centre plants in tropical effect is
" dwarf rose	1	4	1	.40	10	tropical effect is t

#### DESERVATIONS.

for bedding in masses or ering in great profusion.

White, with purple eye.

a.—Black warrior, deep occinea.—Brilliant scar--Bright rose, white eye.
- Rose striped. Queen e, white eye.

oaver. Veather Glass. - See

autiful showy annuals, amer long, delighting in a Most desirable for exers and masses. Excellent ne double varieties are unprilliancy of color. It is a bed of Portulacas will number of years in suc-naturally adapted to our

dsome herbaceous plants; ended for their neatness ong duration of bloom. d be sown in under glass

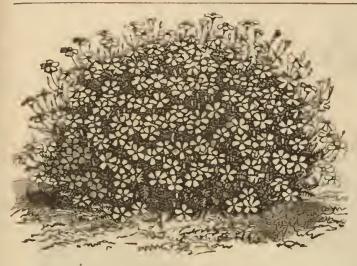
March, although many ish custom of sowing in , but which proves to be this country. Our seed of the most renowned ind, and has always given ion.

mag.—See Novelties.

olden Feather, or Feverac.—Splendid acquisition
iniated foliage.

—See Briza.
—See Lychnis.
nette Sweet. R. amelioowcred variety and of py, esteemed very highly.
ral; very profuse flowering,
n spiral spikes from 8 to 15
and delightfully odorous. lden Queen. See Nov-

r Oil Bean. A robust, ornamental foliage plant, leaves render it an object of universal admiration. Excellent for centre plants in large beds where a subtropical effect is desired.





TAGETES SIGNATA PUMILA.

ICE PLANT.

NAME.	Hardiness and Duration.	Height	Color of Flower.	Price Per Oz.	Per Pkt	GENERAL OBSERVATIONS.
Rose Campion.  Rose of Heaven	hP	3 2	yellow.	•75		Rose Campion.—See Agrostemma. Rose of Heaven.—See Viscaria. Rose of Sharon.—See Hibiscus. RudbeckiaYellow flowers, large black eye. Salpiglossis.—Highly ornamental; flowers are funnel-shaped, and beautifully and
Salvia coccinea splendens	hhP	2 3 2½	searlet.	• •	15 25 25	curiously marbled and penciled. Salvia.—Brilliant and exceedingly useful for back-ground bedding purposes. S. splendens is truly magnificent, being literally covered with gorgeous searlet blossoms, and remaining in bloom very late.
Sanvitalia procumbens, fl. pl	hA "	1/2	yellow.	1.00		Sanvitalia. — Flowers bright yellow and very double.
Saponaria		1/2	mixed.	•75	10	Saponaria.—Immensely profuse blooming annuals, producing masses of minute eross-shaped rose and white flowers.
Scabiosa atropurpurea major ' atro. candidissima " minor, fl. pl	86 86		fine mixed- pure white.		5 10	Scabiosa. — Mourning Bride, or Sweet Scaboius. S. atro. cand. — Excellent for cutting for boquets.
Schizanthus, finest  Sedum eoeruleum  Senecio double	hA "	1 1/4 1	mixed. blue. finest mix.	•75	5	Sedum.—Stone crop. Senecio.—Jacobæa.
" " dwarf  Sensitive Plant  Shooting Star	•••	1/2	* * * * *	1.50	10	Sensitive Plant.—See Mimosa. Shooting Star.—See Dodecatheon.
Silene armeria	hA "	1/4	fine mixed. red. white.	::	5 5 5	Silene.—Catch-fly. Dwarf compact growing edging plants, literally covered with blossoms.
Smilax	hhP	• •	se. fruit.		10	Smilax.—See Myrsiphyllum. Snapdragon.—See Antirrhinum Solanum capsicastium. — Jerusalem Cherry.
Statice sinuata hybrida	hP	1	mixed.	•75	5	Solanum Lobeli.—See Novelties. Statice.—Purple and yellow flowers, remaining a long time in a good condition after being cut; valuable for winter boquets.
Stipa pennata	• •	2		1.25	10	Stipa.—Feather Grass. Stocks, Ten Week, or Gillyflower.—
" double dwarf German " " large flowering	hhA	I 1/2		~ 1	5 10 10	This is one of the most popular flowers cultivated whether for borders, masses,
66 66 66 66 66 66	£	I	purple.	_	10	hanging baskets or pot culture. Its bright colors and spicy fragrance render it an object of universal admiration. Double
66 66 66	"	ſ		5.00	10	Dwarf; have very compact spikes of flowers and throw out many side shoots.
" large flow'ng pyramidal dw'f " Winter, or Brompton " Emperor, or Perpetual	hB hhP	1 2 1 1/2	mixed.	5.00	10 10	The Large-flowered are similar, only the flowers are larger.
Sunflower		172	• • • •			Sunflower.—See Helianthus. Swan River Daisy.—See Brachycome.
Sweet Alyssum	••		• • • •			Sweet Alyssum.—See Alyssum. Sweet Pea.—See Lathyrus.
Sweet Rocket Sweet Sultan Sweet William		••		••		Sweet Roeket.—See Hesperis. Sweet Sultan.—See Centaurea. Sweet William.—See Dianthus.
Tacsonia van Volxenni	hh sh	10	crimson.		15	Tacsonia.—Splendid greenhouse climber.







MALVA CRISPA.

NAME.	Hardiness and Duration.	Height Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Tagetes double African	44	2 1 ½	mixed.	.50		Tagetes.—Marigold; good old-fashio flowers, very popular.
" signata pumiia		I	br. & yel.	.80	5	Tassel Flower.—See Cacalia.
Thunbergia, finest	hA	6	mixed.	•60	5	Thunbergia.—Rapid, free-blooming cliners, flowers buff, orange and white.
Torenia Fournierl  "Bailloni	• •	• •	• • • •	••	• •	Torenia Fournieri.—See Novelties. Torenia Bailloni.—See Novelties.
Trifolium suaveolens	hA	2	3.24=	.60		Trifolium.—Sweet-scented clover.
Trichosanthes coccinea	hhA:	4	white.	••	10	Trichosanthes.—Small oval green white marbled gourds, changing to so
		7				let, beautiful.
Tritoma uvaria		4	orange red.			Tritoma.—Red-hot-poker plant.   Tropæolum  Canariense. — Canary-l
Tropæolum canariense  Lobbianum Brilliant	HHA	10	dark scar.	1.25		Flower; a great favorite, with pretty
" " Crown Prince of Prussia.	**	6	blood red.			low flowers, resembling a bird with wi
" " Giant des Batailles	- 66	6		1.50	Io	spread; very graceful climber. T. Lo
" " Lilli Smith	66	6		1.25		are very ornamental climbers, useful a
Maporeon III	66	6	ver striped			in the greenhouse, parlor or garden; c stant bloomers. T. Majus is the
" " Lucifer (very rare) " Roi des Noirs	"	6	cri. dk. fol. almost blk.			growing Nasturtium; very servicable
" " Spitfire	66	6	bright scar.			garden culture, as they withstand aln
" " finest varieties	- "	6	mix. colors.	160		the most excessive drought; very i
" majus atropurpureum	66	6	black bro'n	1 00	01	flowering, and vigorous growing climb
" " coccineum		6	scarlet.	.25		T. Tom Thumb, are suitable to grown in clumps, masses or alone,
" regelianum		6	yellow. pur. violet.	.35	_	will produce the most pleasing eff
" cœruleo roseum		6	d. rose.	•35		
" majus, finest varieties		6	mixed.	•35		recent introduction and form an ass
"Tom Thumb, Carter's scarlet	hA.	1	scarlet.	.50		ment of unqualified excellence. Gr
Crystal Palace Gem		1	sul-col-spt.			pains have been taken to have all varieties true to name, and we reco
" "King of Tom Thumbs " King Theodore	4	I	dp. scarlet very dark.	·75		mend them very highly.
" " Pearl	- 11	I	nearly wht.		10	and the state of t
" "Ruby King (new)	16	1	carmine.	1.25	10	
" " luteum	66	I	bright yel-	•75	10	
" " cœruleo roseum Uniola latifolia	66	1	mar, tint.	•75	10	Uniola.—Ornamental grass.
Valeriana	hP	4 2	mixed.	.60		Valeriana.—Showy plants for mixed t
	1				,	ders, etc.
Venus' Looking Glass	• •	••	••••		••	Venus' Looking Glass.—See Campan speculum.
Verbena hybrida, choice named col's.			mixd.	5.00	15	Verbena Candidissima, New.—With
" " alba	- "	I	white.		25	mense trusses of flowers of the pur
" candidissima		I	blue	••	35	white; best for sale plants. V. Striate
" cœruleo, dif. shades " scarlet, dif. shades	- 44	I	blue scarlet.	**	25 25	Italian carnation-like striped, very cho
" striata	66	I	striped.		25	
Veronica syriaca	hhA	1/2	blue&white			VeronicaHighly esteemed for edgin
" fl albo	44	1/2	white.	1.50		rockeries, or pot plants.

od old-fashioned

calia. -blooming climband white. e Novelties.

Novelties.

oval green and hanging to scar-

e. — Canary-bird, with pretty yelabird with wings mber. T. Lobb. r or garden; con-ajus is the tall ery servicable for withstand almost withstand almost ught; very free growing climbers. e suitable to be see or alone, and pleasing effect. re those of most form an assort-cellence. Great to have all our and we recom-

for mixed bor-

-See Campanula

New.—With im-s of the purest s. V. Striata. ped, very choice.

Veronica.—Highly esteemed for edgings, rockeries, or pot plants.





SALPIGLOSSIS. CHRYSANTHEMUM.

NAME.	Hardiness and Duration.	Height Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Vinca rosea alba	g sh. g sh.	2 2	rose. white.	2.00		Vinca.—If sown early, in the house, will blossom same season; very bright shining green foliage, flowers are delightfully
Viola tricolor maxima, Pansy, finest. " " very large flow'g " " candidissima (	16	1/2	mixed.	5.00 8.00		house, if no greenhouse is convenient, a sunny window will answer. Sow lightly
" Emperor William " Faust, or King of the Blacks " Odier, or five blotched	66 66 66	1/4 1/4	deep blue. coal black. various.			in fine loam, in a box or flower-pot, and transplant when well up. Transplant sev- eral times before finally transplanting out doors. Pinch off the first buds as soon
" Gold-margined  " Violet color margined  " White Treasure	44	1/2 1/2 1/2 1/2 1/2 1/2 1/2	mar. with yo mar. with w pure white,	4.00 4.00 4.00	15 15	as they appear, and from early fall until the ground freezes you will have the lar- gest pansies possible to grow.
" Yellow " good quality " odorata. The Czar (Violet) Viscaria hybrida splendens	ii ii hA	1/2 1/4 1/4	mixed.	4.00 2.00 3.00 .60	15 5 25	Viola tricolor maxima candidissima— (Snow Queen.) See Novelties.  Viscara.—Flowers maroon, pink, carmine
Waitzia grandiflora	44	1	yellow.		25	and rose.  Waitzia. — Everlasting flowers; very desirable for winter boquets.
Wall Flower	hA	11/2	mixed. white. purple.	7.00 .40 .40	5 5	Wallflower.—Cheiranthus. Wigandia. — Elegant stately ornamental plants.
Wigandia caracasana  " vigieri Xeranthemum	hhS hA	8 8 2	or. leaf. mixed.	.80	25 25 5	Xeranthemum.—Everlasting flowers, useful for either summer or winter boquets.  Zea Japonica.—See Maize.
Zea Japonica Zinnia elegans fi. pl white	hhA	6 2 2	striped leaf. mixed. white.	1.00	5	Double Zinnia.—Of great beauty and very desirable for grouping or mixed borders; flowers of carmine, white, crimson, orange
WHITE *********		2	Willie.	1.25	5 1	and purple flowers.

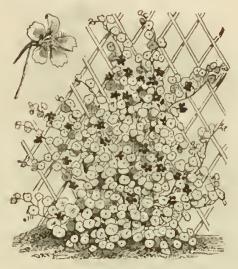
## ORNAMENTAL GRASSES.

All of these varieties are exceedingly graceful, and very useful in making winter boquets and various designs for winter decorations. Should be cut before they are entirely matured, and hung up in bunches until perfectly dry.

NAME.	Price per oz.	Per pkt.	Color of Flower.	H. and Dur.	Height Feet.	GENERAL OBSERVATIONS.
Agrostis nebulosa. Avena sterilis Briza compacta  "maxima. Bromus brizæformis. Coix lacryma Eragrostis elegans. Erianthus Ravennæ Gymnothrix latifolia. Gynerium argenteum. Stipa pennata. Zea Japonica.	•••	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		hA	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Avena.—Animated Oats.  Briza.—Quaking Grass.  Coix lacrymus.—Job's Tears.  Eragrostis.—Love Grass.  Erianthus.—Beautiful and very showy.  Gynerium.—Pampas Grass.  Stipa.—Feather Grass.  Zea.—Japanese Maize, (striped leaves.)



ADLUMIA.



TROPÆOLUM.

## CLIMBING VINES, ORNAMENTAL GOURDS, &c.

NAME.	Price per oz.	Per pkt.	Color of Flower.	H. and Dur.	Height Feet.	GENERAL OBSERVATIONS.
Abobra viridiflora	1.50	10	green. pink. yel. & bro.	hhP hB	6 15 20	Abobra.—Ornamental Gourd, with elegant foliage and scarlet fruit.
Beansper qt. Bryonopsis erythrocarpa	40 1.25	10	various.	hA lihA	15 5 8	Adlumia Mountain Fringe.
Calampelis scabra Canary-bird-flower Cardiospermum halicacabum	.80	10	orange yellow. white.	66	10	Aristolochia.—Dutchman's Pipe.
Clcmatis	2.50	10	mixed. purple. red.	hP hhA hhP	10 20 6	Beans.—Scarlet and White Runners.
Convolvulus major "mauritanicus Cucumis	.20 2.00	5	mixed. blue. mixed.	hhA hP hhA	10 trail 10	Bryonopsis.—Ornamental Gourd, striped, beautiful.
Cucurbita  " Hercules' Club  " Mock Orange		5	yellow.	hhA	16 16	Calampelis.—Excellent for trellises.
" Powder Horn " Smallest Lemon " Gooseberry	• •	5 5	6.6 6.6	61	16 6 6	Canary-bird flower. — See Tropæolum canarieuse.
" Pear-shaped	.75	5	pumle.	hA	6	Cardiospermum.—Balloon Vine.
Ipomæa bona nox	·75 ·75 ·75	5 10	white.	hhA	10	Coccinea.—Ornamental Gourd with scarlet fruit.
" marmorata grandislora " quamoclit (Cypress Vine)	·75	5 5	variegated. niixed. scarlet.	66	10 10	Convolvulus.—Morning Glory.
" " " " " " " " " " " " " " " " " " "	.50	5	white. rose. blue&white	hhP	10	CucumisOrnamental Cucumber.
" finest colors	.60	5	niixed. yellow. mixed.	hhA	10	Cucurbita.—Ornamental Gourds, very desirable for screens.
4	·35	10	scarlet. rose tinted. violet.	64	6	Cypress Vine.—Ipomea quamoclit.
Peas, Sweet, finest colors " Capt. Clarke	.15	5	yellow. inixed. tricolor.	hA c	5 5	Ipomea bona nox.—Evening Glory. I.
" Crown Princess of Prussia	.20	5 5 5	blush. scariet. dark.	4:	5 5 5	coccinea.—Star Ipomea. I. marmo. grand.—Variegated Morning Glory. I. quamoclit.—Cypress Vine.
"White Striped	.20	5	purple. red. purple.	66	5	Nasturtium.—Tropæolum majus.
" Pure White	.20	5 1	mixed.	hA	5	Peas, Sweet.—See Lathyrus odoratus.

## EVERLASTING FLOWERS.

The same remarks previously written in regard to Ornamental Grasses, are applicable to Everlasting Flowers.

NAME.	Price per oz.	Per pkt.	Color of Flower.	H. and Dur.	Height. Feet.	GENERAL OBSERVATIONS.
Acroclinium roseum.  album  Ammobium alatum.  Gomphrena globosa  " " "  Helichrysum monstrosum. " "  Rodanthe maculata " alba.  Xeranthemum.	.60 .60 .75 .75 .75 .75 1.00 1.00 2.50 3.00	5 5 5 5 5 5 5 5 5 5 7 7	rose. white.  red. white. striped. mixed. white. yellow. rose. " white. nixed.	hhA	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Gomphrena.—Globe Amaranthus.  Helichrysum.—Elichrysum, or Eternal Flower.

## List of Flower Seeds Suitable for Hanging Baskets, Vases and Window Boxes.

	1 .*	1 3	1		
NAME.	Color of Flower	Per pk	NAME.	Color of Flower.	Per pkt
Ageratum Mexicanum Alyssum, Sweet Anagallis Calandrina umbellata Centaurea gymnocarpa  candidissima Clintonia elegans Convolvulus manritanicus Eucharidium grandiflorum Fenzlia dianthiflora Gilia tricolor Iberis amara (Candytuft.) Linaria (Coliseum Ivy.) Lobelia erinus gracilis	white. mixed. crimson. silver. If.  blue. lavender. crimson. rosy lilac. mixed. white. mixed. blue.	5 5 5 10 15 15 10 15 5 5 5 5 10	Mesembryanthemum, Ice Plant. Mimulus moschatus, Musk Plant. Nasturtium, dwarf.  "T. lobbianum. Nemophila insignis.  "maculata. Nolana atriplicifolia. Petunia single.  "double. Portulaca double. Sanvitalia procumbens. Saponaria. Sedum coeruleum. Stocks, large flowering.	mixed. yellow. mixed. " " " yellow. mixed. mixed.	5 10 5 10 5 5 5 10 50 15 10 10 10

## COLLECTIONS.

#### FRENCH AND GERMAN FLOWER SEEDS.

Each collection is sold in the original imported package, containing from six to ten or more different kinds or named colors in separate packages of the same plant, the name of which is labelled on the outside of each collection.

NAME.	Colors.	Price	NAME.	Colors.	Price.
Antirrhinum, (Snapdragon.) dwarf	8 6 6 6 6 12 6 6 6 6 12 6 6 6 12 6 12 13 13 13 13 13 13 13 13 13 13 13 13 13	.75 1.25 .75 .75 .50 .50 .50 .50 .50 .50 .50 .75 .75 .75 .75 .75 .75	Hollyhock, Double Charter's. Lathyrus odoratus—Sweet Peas. Lobelia—choicest sorts. Mirabilis hybrida, Marvel of Peru, four o'clock Pansy, Heartsease.  Petunia, single.  'double. Phlox Drummondi.  """""""""""""""""""""""""""""""""""	10 10 8 12 6 12 6 12 6 8 8 8 8 8	•75 •50 •50 •50 •50 •50 •75 •60 •75 •60 •75 •75 •1.00 •50 •75 •60 •60 •60 •60 •60 •60 •60 •60

## SUMMER FLOWERING BULBS.



GLADIOLUS.

#### GLADIOLUS.

They are the most stately and effective of our summer flowering bulbs, being of rodust, erect growth, with green sword shaped leaves and magnificent flower-scapes rising from two to four fect in height. The colors comprise the most brilliant of orange, scarlet and vermilion tints upon yellow and orange grounds, including a graduated scale of intermediate shades, from white and rosy blush and salmon rosc tints, to a salmon red and nankeen; from blush-white with purple-crimson throat and marginal streak of pink, to light rosy salmon grounds, with flakes of deep carmine. A succession of bloom may be had from July to Scptember, by planting at intervals from April to June, preserving the strongest bulbs for the latest planting. Their culture is very simple; they will grow in any ordinary garden mould, but succeed best in good earth, manured with well-rotted horse-dung. The bulbs are taken up in the fall and placed in a dry cellar, protected from frost.

We have made selections with reference to contrast of colors, time of flowering, and quality of bloom, and will serve as a guide to those unacquainted with the sorts. seedlings offcred abound in the finest varieties, which comparc favorably with the higher-priced named sorts.

mixtures contain many good sorts.

			, 80 - 11 - 11 - 11	Price.
12	varicties	named		\$1.00
12	6.6	66		. 2.00
12	4.6			
12	**			
I 2	64	66	light colors	. 100
12	44	44	seedlings	1.00
12	"	66	" vcry choice	. 1.50

On purchaser's selection a discount of 10 per cent. from catalogue prices will be made when one dozen varieties are Twenty per cent. on one hundred varieties.

Adonis, rosy salmon, carmine margin. Price, 10 cents. Apollon, rosy lilac, large stain of rosc. Price, 50 cents.

Aristote, rose, crimson stripes. Price, 10 cents.

Arsinoe, fine satin rose, flamed with bright crimson.

Price, 20 cents. Bernard de Jussieu, violet, shaded cherry and purple. Price, 15 cents.

Bijou, cherry, flamed scarlet. Price, 15 ccnts. Brenchiliensis, rich scarlet. Price, 10 ccnts.

Calypso, rose, blotched with carmine. Price, 15 cents. Canary, clear yellow, shaded with rose. Price, 20 cents.

Canova, long spike of very large white, carmine spotted flowers. Price, 75 cents.

Celine, white and rose ground, carmine stripes. Price, 20c. Ceres, pure white, stained with purplish rose. Price, 30 cts. Charles Dickens, light rose blazed and striped with carminate rose. Price, 20 cents.

Cherubini, large flower, perfect shape, with ground largely

blazed with carminate violet. Price, 40 cents. Citrinus, light yellow, lower petals dark yellow. Price, 35c.

Cleopatra, lilac, tinged with violet Price, 20 cents.

Colbert, red, white blotch. Price, 20 cents.

Couranti Fulgens, dark crimson. Price, 10 cents.

Delecatissima, white, slightly tinged with carmine lilac.

Price, 50 cents. Diana, white, flaked with red. Price, 30 cents.

Don Juan, orange and fire red. Price, 10 cents.

Dr. Lindley, light rose, blazed with cherry. Price, 50 cents. Duc de Malakoff, orange red, blazed with lighter stripes,

Price, 20 cents.

Edith, rose carnation, dark stripes. Price, 15 cents. Eldorado, pure yellow, red stripes. Price, 35 cents. Erato, pale rose, carmine stains. Price, 25 cents. Etendard, white, blazed with lilae. Price, 35 cents.

Eva, white, slightly tinged with rose and pale lilac. Price, 75 cents.

Felicien David, cherry rose, striped with light carmine, on large white ground. Price, 60 cents. Fulton, transparent velvet-like vermilion, bright purple stain, large flower. Price, 20 cents.

Galathe, white, earmine stains. Price, 20 cents. Goliath, light red, earmine stains. Price, 15 cents.

Horace Vernet, bright purple red, large pure white blotch. Price, \$1.50. Henrietta, white, tinted and blazed with lilac; dwarf. Price, 50 cents.

Ida, white, tinged with rose, large flower. Price, 15 cents. Imperatrice, blush, striped purple. Price, 15 cents.

Imperatrice Eugenie, white, blazed with rosy violet; large flower, perfect shape. Price, 60 ets.



CLEMATIS COCCINEA.

Isoline, pale flesh, violet stain. Price, 25 cents. James Carter, orange red, pure white throat. Price, 15 cents. James Watt, bright vermilion, large pure white stain, striped with purple. Price, 50 cents.

Jeanne D'Arc, white, tinged with rose. Price, 15 cents.

John Bull, pinkish white. Price, 10 cents.

John Waterer, light cherry blazed with red, white stains, striped. Price, 75 cents.

James Watt, bright vermilion, large pure white stains, striped. Price, 75 cents.

La Candeur, very long spike of large well-opened flowers, of a perfect white, lightly striped with carmine violet. Price, 75 cents.

La Fiancee, pure white, bluish violet stain; large and perfect. Price, 75 cents.

Leonora, cherry, tinged with orange. Price, 75 cents.

Le Poussin, light red, white ground, and very large white stains. Price, 20 cents.

Lord Byron, brilliant searlet, stained and ribboned with pure white. Price, 15 cents.

Lord Granville, pale yellow, striped with rose. Price, 20 cents.

Lord Raglan, salmon, vermilion spots. Price, 30 cents.

Louis Van Houtte, velvety carmine. Price, 10 cents.

MacMahon, cherry, tinted salmon. Price, 50 cents.

Madame Binder, white, earmine stripe. Price, 40 eents. Madame de Sevigne, light cherry, largely stained and lined with white. Price, 60 cents. Madame de Vatry, white purplish carmine stains; very large. Price, 25 cents.

Madame Desportes, white, slightly striped with violet. Price, \$2.00. Madame Henrique, creamy white, flaked with purple. Price, 15 cents. Madame Leseble, pure white, large purplish-rose stain. Price, 50 cents.

Madame Rabourdin, rose, flaked with carmine, lined with white. Price, 60 cents.

Madame Vilmorin, rose, white centre, shaded and striped with carmine. Price, 50 cents.

Mars, beautiful scarlet. Price, 15 cents.

Mary Stuart, white, tinged with rose, blazed with bright cherry. Price, 75 cents.

Mathilda de Landevoisin, white, carnation tinted. Price, 30 cents.

Mazeppa, rose, yellow stains. Price, 15 cents.

Meteor, dark red, brilliant, large stains of pure white. Price, 20 cents.

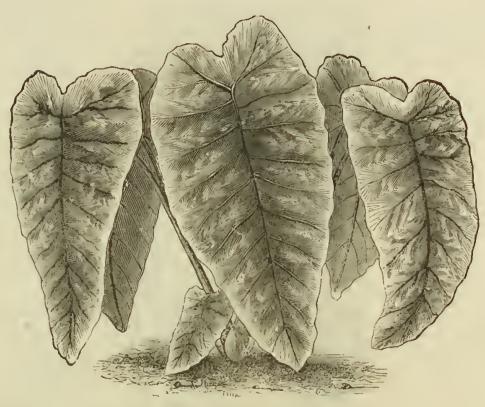
Meyerbeer, brilliant red, blazed with vermilion, amaranth red stain, perfect shape. Price, 20 cts.

Molicre, dark red, with violet carmine. Price, 50 cts.

Mons. Legouve, fiery red, with blotch white line on each petal. Price, \$1.50.

Napoleon III, bright scarlet, white streak. Price, 20 cents.

**Nelly**, white, carminate rose. Price, 15 cents.



CALADIUM ESCULENTUM. (Page 64.)

Ophtr, dark yellow, purple stain. Price, 20 cents. Orpheus, magnificent spike, rose color, blazed with carmine; perfection. Price, \$1.00. Penelope, large white and carnation. Price, 15 cents. Phebus, fiery red, large pure white stain. Price, 75 cents. Prince Imperial, white, with carmine. Price, 15 cents. Princess Mathilde, beautiful rose, carmine stain. Price, 20 cents. Princess of Wales, white, blazed with carmine and rose. Price, 15 cents. Racine, cherry, tinged with violet; centre white. Price, 35 cents. Rebecca, white, striped lilac. Price, 20 cents. Reine Victoria, pure white, violet and carmine stain; large and fine; extra. Price, 25 cents. Romulus, brilliant brownish red; large pure white stain; very showy. Price, 30 cents. Rosa Bonheur, large flowers slightly tinged with lilac, blazed with carmine violet. Price, 75 cts. Rubens, bright vermilion striped with carmine, whitish ground. Price, 50 cents. Schiller, long spike of large well-opened sulphur-colored flowers, carmine stain. Price, \$1.00. Shakspeare, white, very slightly blazed with rosy carmine, large rose stain; extra. Price, \$1.00.

Sapho, cherry, orange-tinted, large pure white blotch. Price, 35 cents. Sulphureus, sulphur yellow. Price, 20 cents.
Thalia, white, striped carmine. Price, 60 cents.
Theresa, rose, shaded with salmon. Price, 30 cents. Vesta, pure white, spotted carmine, Price, 20 cents.

#### LILIUM.

The Lilium Auratum is the great Lily from Japan called the "Golden-banded Lily." This is the king of Lilies. The flower is from eight to twelve inches across, composed of six delicate white ivory petals, each being thickly studded with rich chocolate crimson spots, and having a bright golden band through the centre of each petal, with an exquisite vanilla-like perfume. As the bulbs acquire age and strength, the flowers obtain their maximum size and number. Upwards of twelve flowers have been produced on a single stem. It is perfectly hardy, and thrives best in a dry, rather poor garden loam, and should be planted six inches in depth: it is also admirably adapted for pot culture. The Fapan Lilies, — Lilium Lancifolium, — are among the most beau-



HARRISI LILY.

tiful and delightfully fragrant, and are suited for either pot or garden culture; their period of blooming is during the months of July and August. Our list will be found to embrace all the best and leading varieties. They are all hardy, and the bulbs can be planted either in the autumn or spring, although the autumn is preferable; Candidum and Longiflorum Japonicum must be planted in the autumn, as they commence then to grow, and a covering of manure will be found beneficial for all the varieties, but must be removed early in the spring. The ground should be thoroughly drained for Lilies.

Avroture (Colden handed Lib) William in the Lib Each. Doz.
Auratum (Golden-banded Lily). White, with rich crimson spots, and golden band
through the centre of each petal. Extra strong flowering bulbs \$ .40 \$4.00
Browni. With magnificent large foliage, flowers large, white inside, purple outside,
Brown. With magnificent range forlage, nowers range, write inside, purple outside,
and stamens of a rich chocolate color

## LILIUM. CONTINUED.

Canadense. Pendulous flowers; yellow, spotted with brown and petals tipped	Each.	Doz.
with red	.15	\$1.50
Candidum flore pleno. A double white variety, very showy	. 30	2.00
Candidum simplex. The well-known white garden Lily; snow white, fragrant	21.	1.50
Chalcedonicum (Turk's Cap). Brilliant scarlet recurved blossoms; very effective		4
for bedding	.60	6.00
Excelsum (Testaceum isabellinum). Delicate light buff color	. 50	5.00
Harrisi. This new variety is very free-blooming, continuing two or more times in	~	,
succession without rest; trumpet-shaped, pure white and very fragrant, large		
flowers. It can be forced into bloom at any desired time in the winter	.30	3.00
Humbolti (Bloomerianum). Golden yellow, spotted with scarlet brown: flowers	•	
drooping on long peduncles; California Lily	.50	5.00



LILIUM AURATUM.



LILIUM LANCIFOLIUM.

Krameri. An exquisite flower, white, blush-tinted, very large and fragrant  Lancifolium (or Speciosum) album. Splendid white	.60	6 00
Lancifolium (or Succiosum) rubrum White anotted with a form	-40	4.00
Lancifolium (or Speciosum) rubrum. White, spotted with crimson; superb Lancifolium monstrosum (or Speciosum) album. Pure white; producing large		2.50
clusters of flowers	.25	2.50
Lancifolium monstrosum (or Speciosum) rubrum. White, crimson spotted:	_	
large clusters of beautiful flowers	.25	2.50
Longiflorum florabunda. Trumpet-shaped flowers; pure white, recurved petals,		
fragrant and abundant bloomer	. 30	3.00
Pardalinum. Yellow and red; beautifully spotted New California Lily	•	-
Superbum. A beautiful red-spotted drooping Lily	.25	2 50
Tiening (Tien 11)	-15	1.50
Tigrinum (Tiger Lily). Orange salmon, spotted with black	.15	1.50
Tigrinum flore pleno (Tiger Lily). Orange red, spotted with black, double showy		
flowers	.30	3.00
Trigrinum splendens (Tiger Lily). Flowers as large again as the old variety, and of		
a deeper color	.20	2.00
Washingtonianum. Flowers erect, white, shaded and spotted with pink and crim-		2.00
son. California Lily	.75	7.00

#### AGAPANTHUS. (AFRICAN LILY.)

#### AMARYLLIS.

Bulbs of rare beauty, with large drooping, bell-shaped, lily-like flowers, varying in color from the richest crimson to pure white, striped with crimson or scarlet. They are of the easiest possible culture, and a very little management would secure a succession of bloom throughout the



LILIUM BROWNI. (Page 61.)

year, thus adding an important feature in collections of plants, whether grown for the decoration of the flower garden, conservatory, or drawing-room.

of the flow	ver garden, conservatory, or drawing-room.		
		Each.	Doz.
Amaryllis	s atamasco, pink and white, variable, showy for border		\$1.50
เรื	Formosissima (Jacobean Lily), velvety crimson, a desirable border plant	.25	2.50
66	Bella Donna (Bella Donna Lily), white, flushed with rosy purple	.60	6 00
66	Johnsonii, deep red and white		
4.6	longiflora, alba and rosea, fine		5.00
44	lutea (Sternbergia), a handsome, showy, yellow autumn flowering bulb		2.50
4.4	Vittata.—These magnificent varieties are vigorous in their growth, and		
	produce a free supply of flowers, are flaked and striped with the most		
	striking tints, and justly esteemed the most beautiful of the Amaryllis		
	family. We offer red or white ground hybrids, all beautifully striped		
	and flaked.		

#### CALADIUM ESCULENTUM.

One of the most beautiful and striking of the ornamental foliaged plants in cultivation, either for culture in large pots or tubs, or for planting out on the lawn. It will grow in any garden soil, and is of the easiest culture. When of full size it stands about five feet high, with immense leaves, often measuring four feet in length by two and half in breadth, very smooth, of a light green color, beautifully veined and variegated with dark green. The roots should be preserved in dry sand in the cellar during winter out of danger from frost. A plant should be in every collection, however small. Price, 25 to 50 cents each; \$2.00 per dozen.

## CANNA. (INDIA SHOT PLANT.)

A class of plants for grand effects; their rich and varied colored leaves, combined with large and beautiful flowers of brilliant colors, make them one of the most desirable plants for subtropical gardening. The roots are successfully wintered in a cellar. Price, 25 cents each.

#### CLEMATIS COCCINEA.

This is one of the most beautiful climbers, with rich coral scarlet flowers, growing and flowering very freely. Our illustration, on page 59, gives a truthful picture (much reduced) of its growth and flowering. Price, 50 cents each; three plants for \$1.00.

#### DAHLIAS.

A flower known by almost every one. Some of the lately introduced varieties, with some of the fine old ones, are really beautiful. The varieties named below are selected as the finest in cultivation. Price, 20 cents each; \$2.00 per dozen.

Dahlia, Admiration, scarlet and blush.

- Alice, white; tipped lilac.
- 66 Anne Boleyn, white rose edge.
- 66 Amazement, dark crimson.
- Amazon, yellow; scarlet edge.
- Andrew Dodd, crimson maroon. 6.
- Autumn Glow, orange yellow.
- Ball of Fire, scarlet.
- 66 Black Knight, very dark crimson.
- 66 Bob Ridley, dark scarlet.
- Chang, striped yellow and crimson.
- Charles Perry, dark maroon.
- Copperhead, orange.
- Defiance, light canary.

Dahlia, Ellen, blush; tipped lilac.

- Flirt, striped yellow, scarlet and white. 66
- Fulgens Pieta, scarlet; tipped white. 66
- Grand Duke, large lilac.
- 66 Hendersoniana, deep scarlet. 66
  - Minete, maroon.
- 66 Mrs. Trotter, blush; crimson edge.
- 66 Mrs. Burgess, bluish purple.
- 66 Oracle, golden yellow.
- Pre-eminent, purple.
- 66 Snow Storm, white.
- 44 Sultana, yellow; edged crimson; fine.
- Sensation, yellow; tipped lilac.
- Union, yellow, edged lilac.

## DAHLIAS.—Bouquet or Pompone.

Dahlia, Advance, maroon.

- Alba Floribunda Nana, white.
- Bertha Van Boven, amber; shaded lilac.
- 44 Bessie, buff; shaded red.
- 66 Bride of Roses, light pink.
- 66 Colonel Sherman, light searlet.
- 66 Dr. Stein, dark maroon.
- Exquisite, orange; searlet edge.

Dahlia, Goldlight, straw color and white.

- Gros von Tricken, crimson and scarlet.
- Jewel of Austerlitz, fine scarlet.
- Kind and True, straw color; purple tip.
- Little Beauty, crimson and white.
- Little Kate, dark crimson.

## NEW SINGLE DAHLIA, "Scarlet Dwarf."

The best of the new section; of very dwarf habit, 21/2 feet, free flowering, and well adapted for bedding, the flower-heads thrown well up, of a clear orange scarlet, extra fine. Price, \$2.00 per dozen.

## NEW SINGLE DAHLIA, "White Queen."

This contrasts finely with the above-named scarlet yellow. Its lily-like flowers are pure white with yellow disc. It was largely used in England the past season for cut flowers, some claiming that it is equally as effective as the Amazon Lily (Eucharis). Price, \$7.00 per dozen.

## NEW SINGLE DAHLIA, "Yellow Dwarf."

Of very dwarf habit, 21/2 feet, and a most abundant bloomer, the flowers of a bright pure yellow, extra fine, and a fit companion as to habit and flowering, for Scarlet Dwarf. Price, \$1.00 each.

### DAHLIAS. (SINGLE.)

Cervantesii, light orange searlet, with yellow centre. Lutea, pure yellow, with a dark centre. Paragon, rich, dark maroon, shaded with purple.

#### GLOXINIA CRASSIFOLIA.

Exceedingly showy plants and easily managed. After putting the tubers in fiberous peat, light loam, manure and sand, they require little water until they show their growth, after this a moist heat is necessary. We prefer keeping a moist atmosphere to syringing. When in bloom bring them into the eonservatory or drawing-room. After the plants have done blooming, dry gradually off, and keep in pots over winter in a moderately warm place under the staging of the greenhouse. This variety is of strong habit and excels in rich and varied colored flowers of large bell-shape; horizontal, erect and pendulous; mixed colors, strong tubers. Price, 50 cents; \$4.00 per dozen.

Gloxinia Insignis, a tall, shrubby-growing variety with large glossy green leaves; producing spikes of large gloxinia-like flowers of deep lilae color, lasting until Christmas. Price, 50 cts.



SINGLE DAHLIA.

#### DOUBLE TUBEROSE.

The tubers of this delightfully fragrant flower may be planted from January until March. Where a succession is required, and can be accommodated with a warm greenhouse or conservatory temperature, planting may begin with the former period; but where convenience is limited to a hot-bed and greenhouse, the latter period is suited. In planting, remove the useless small

offsets around the main root, place a single tuber in a pot six inches wide, or a group of two or three in a proportionately larger one. Use good rich-bodied loam.

through a hobottomately ranger one. Coe good removement	Rach	Per doz.	D== 100
and the second s			
Flowering roots	\$0.08	\$0.75	\$4.00
Large flowering roots			
Finds large flavoring roots		1.00	3 00
Extra large flowering roots	15	1.50	0.00

## DOUBLE TUBEROSE. (THE PEARL.)

This is a new and entirely distinct form of the old double Tuberose. Its chief characteristics are its short robust stem and great size of flowers, the latter being as freely produced as in the common sort, while they are quite double the size and of purer white than the old variety Fach. Per doz. Per 100. Each. Per do. Flowering roots......\$0.10 \$1.00 \$5.00 Extra large flowering roots \$0.15 \$1.5

Extra large flowering roots \$0.15 \$1.50 \$8.00





TUBEROSE - THE PEARL.

TIGRIDIAS.

#### MADEIRA VINE.

A half-hardy tuberous-rooted climber of rapid growth, with thick, glossy, light green leaves. It bears a profusion of graceful racemes of deliciously fragrant white flowers, and for screens or trellis work, in a sheltered or sunny situation, no better plant can be used. Each, 10 cents; per dozen, \$1.00; per hundred, \$5.00.

### TIGRIDIAS. (TIGER FLOWER).

A genus of Mexican hulbs, growing about one and a half feet high, and producing flowers of the most exquisite beauty; flowers large, about four inches across, of singular curious shape, and the color of each variety gorgeous and purely contrasted. No flower can surpass it in beauty. In bloom from July to the first of October. The bulbs may be planted any time in May, or the first of June, about two inches deep, in any garden soil, and require no particular care. In Autumn, after the tops are killed by frost, take up the bulbs and keep them in a dry place away from the frost until the time of planting in the Spring.

Conchiftora, richest orange, variegated with golden yellow, and spotted with black .15 \$1.50 

#### VALLOTA PURPUREA.

One of the most beautiful and desirable plants grown, producing large crimson scarlet lilylike flowers, in heads of five to six blooms each, which remain a long time in perfection. Large bulbs, if kept growing, will flower several times during the year. As easily cultivated as the Calla Lily. Price, 50 cents each; \$4.00 per dezen.

#### THE ROSE.

The Hybrid Perpetual Class are entirely hardy. The flowers are of immense size, often five to six inches in diameter, and of the most beautiful colors, from pure white to the darkest shade of crimson. Through their blooming season, in June, they give us a show of brilliant colors unequaled by any class of plants. In the Spring, cut them back pretty close, and they will send up new shoots, which will make a very strong growth and give abundance of bloom. The following are only a few of the Hybrid Perpetual Roses we cultivate, but are a good collection. Those who leave the selection to us shall have our best efforts to serve them well, with some new and valuable varieties

HYBRID PERPETUAL ROSES.	Each.	Doz.
Achille Gonod, bright carmine, very large, full, good form	.\$0.35	\$3.00
Alfred Colomb, cherry red, shaded with crimson; extra fine	35	3 00
Amelia Halpin, deep pink; fine	· ·35	3.00
Augusta Mie, delicate pink; free blooming	· ·35	3.00
Anne de Diesbach, carmine, beautiful shade	· · 35	3 00



GEN. JACQUEMINOT ROSE. (Page 68.)

Belle Normandie, light rose, large and fine	25	2.00
Baronne de Maynard, white, sometimes shaded blush	•35	3 00
Pagen de Demotation benefit la	.35	3.00
Baron de Bonstetten, beautiful dark velvety crimson; large and fine	•35	3.00
Baron Chaurand, bright maroon, strong grower	-35	3 00
Col. de Rougemont, purplish rose, large and fine	.35	3.00
Coquette des Blanches, white, with pink tinge	.35	3.00
Caroline de Sansal, delicate blush	-35	3.00
Coquette des Alpes, white, occasionally tinged with pink, flowers in clusters	.35	3.00
Duplessis Mornay, brilliant firey crimson	.35	3.00
Dr. Marx, rosy carmine; full, extra	-35	3 00
Dr. Chalus, velvety scarlet, shaded rose at outer edge	.35	3.00
Dupuy Jamain, bright cherry red; large and full	.35	3.00
Dr. Sewell, new, crimson scarlet, beautifully shaded with purple, and finely cupped,	.50	5.00
Eugene Sue, bright vermillion scarlet, good form and habit	•35	3.00

Com 187-alimeters '	Each	Doz
Gen. Washington, crimson scarlet; fine	\$0.35	\$3.00
Gen. Jaequeminot, rich crimson scarlet, very bright and velvety. It produces beau-		
tiful buds that are very much admired, and in great demand. This is, undoubt-		
edly, the most popular Rose in cultivation	.35	3.00
Jean Cherpin, rich plum color.  John Hopper, brilliant rose, changing to bright pink; showy.  Louis Ropagarta for deep rose	.35	3.00
Join Ropper, brilliant rose, changing to bright pink; showy	.35	3 00
Bouls Bonaparte, the deep rose	·35	3.00
L'Enfant du Mt. Carmel, deep red, large and fine; strong grower	.35	3.00
La France, silvery white, back of petals rose; extra	.35	3.00
La Reine, deep rosy-lilac; free flowering, fine	.35	3.00
Lord Macauley, scarlet crimson	-35	3.00
Louis Van Houtte, crimson and marcon, large	•35	3.00
Louis Van Houtte, crimson and maroon; large	-35	3.00
Leopold Hausburg, large, bright rose.  Louis d'Arzens, white, tinged with blush; fine.	.35	3.00
Madam Victor Verdier, rich, bright, cherry red, changing to satiny rose	.35	3.00
Mad. Alfred de Rougemont, pure white, delicately shaded and tinted with blush.	.35	3.00
Maurice Reparding rich volume with the control of t	.35	3.00
Maurice Bernardin, rich velvety crimson; large size and very full.  Mad. Marie Finger, light rose, darker in the centre; globular form, large	.35	3 00
Mad. Clert, clear pink; fine	.35	3.00
Mad. Place, light rose; flowers small	.35	3.00
M'lle Marie Soupert, new; white shaded pink; flowers large and full; vigorous	.35	3 00
Madame Plantier, (Hyb. China,) Summer bloomer; pure white	.50	- 1
Oriflamme de St. Louis, bright carmine, showy	.35	3.00
Paul Neyron, deep rose; very large	.35	3.00
Prince Camille de Rohan, rich, dark velvety crimson, shading to maroon; double,	•35	3.00
Perfection des Blanches, pure snowy white; free bloomer; flowers large and very	.35	3.00
fragrant; one of the best	25	2.00
Pæonia, bright clear red, very sweet; one of the finest old varieties	.35	3 00
Paul Ricaut, bright crimson	.35	3.00
Perle des Blanches, pure white; good form	.35	3.00
Perle des Jardins, without doubt, one of the most popular varieties yet introduced.	.35	3.00
in color it is a fine canary yellow; yery large, full and of fine form it is an		
excellent variety for Winter flowering.	. 50	
rot. Roen, rich, deep crimson	· 50 ·35	3.00
Rosy Morn, rosy crimson: large, fine form: very double		3.00
Souvenir du Comte de Cavour, bright crimson, shaded	·35 ·35	3 00
Sydonie, light rose; very free bloomer	·35	3.00
Senateur Vaisse, large, full, scarlet flowers of the finest form	·35	3.00
Souvenir de Ducher, rich, deep erimson; very compact	·35	3.00
Thomas Wills, Dright rosy carmine; flowers large cupped	. 35	3 00
Victor Verdier, bright rose, erinson centre	25	2.00
Yolande de Arragon, rosy blush; bloom in clusters	-35	3.00
	00	3
MOSS ROSES.		
Moss Roses are very popular and much admired for their beautiful buds, which	are co	vered
with a moss-like texture. They are perfectly hardy. Being difficult and slow to pro-	magai	e the
price is necessarily higher than other Roses.	, I.u.B	Each
Aphelis purpurea, violet purple, large and full, very double and fragrant		e
Boursier de la Riviera, deep red		30.35
Boursier de la Riviera, deep red		22
Duchesse a Istrie, pright real fill form		~ =
Enz. Nowe, ngm tose,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		2 =
Tienry waring dark rose e hor		
wrs, wood, accluded thised bilibie		2 =
Timeess receiving him, blooming in clusters, biten called "Climbing Moss"		2 "
Raphael, phikish white		2.5
White Perpetual, white		35
		. 55
CLIMBING ROSES.		•
Climbing Roses are perfectly hardy, blooming early in the summer, and when i	n a rie	eh soil
soon covering any arbor or porch.		The sale
Baltimore Belle, pale blush, nearly white.  Gem of the Prairies, earmine-crimson.  Greville, or Seven Sisters, blush and crimson.		\$0.30
Gem of the Prairies, earmine-crimson		30
dicyme, or deven disters, musically crimson		20
Queen of the Prairies, rosy-red, one of the best		
, , , , , , , , , , , , , , , , , , , ,	• • • • •	30

## TREES, PLANTS, VINES, &c.

## SELECT, HARDY SHRUBS.

50c. each, except those noted; \$4.50 per dozen. Second size, 30c. each; \$3.00 per dozen.

Althæas. Double, variegated and purple; handsome shrubs. Althæa, new variegated and purple, handsome shints.

Althæa, new variegated. Foliage beautifully edged with white.

Amorpha fruticosa. A fine shrub, with purple and gold flowers.

Calycanthus florida, or Allspice-Tree. Very fragrant blossoms.

Catalpa Kaempferi. A dwarf and handsome species from Japan.

Cranberry-Tree (Viburnum). A handsome shrub with scarlet fruit. Clethra anlifolia. One of the finest shrubs, with fragrant, white flowers. Daphne cneorum. Evergreen, with fragrant, pink flowers; beautiful.



MAGNOLIA.

Deutzia crenata pleno. Beautiful, with spikes of double blush flowers.

- alba. Double, with pure white flowers. gracilis. One of the most popular and beautiful shrubs. purpurea pleno. With spikes of darker colored flowers. scabra and crenata. Two fine shrubs.
- variegata. Beautiful variegated foliage.

  Fortunei. Deep green foliage and large white flowers.

  Chinese Plum. Very fine; double white flowers.

  da grandiflora. Beautiful, with large white flowers. Double Chinese Plum. Exochorda grandiflora. Deep green foliage and bright yellow flowers. Forsythia viridissima.
  - Fortunei. Upright growth and bright yellow flowers.

"
suspensa. Early blooming; golden yellow flowers.

Hypericum Kalmianum. A fine shrub, with yellow flowers in August.

Hydrangea paniculata grandiflora. A magnificent shrub, with immense clusters of white flowers; very showy. 50c. to \$1.00.

"
quercifolia. Handsome foliage and white flowers.

"
Position Position foliage and white flowers.

nivea. Beautiful silver foliage and white flowers.

Honeysuckle White Tree (Iberica). Very handsome white flowers. Hawthorn, Paul's new double searlet. Superb; dark searlet flowers. \$2.00. Lonicera tartarica. A handsome, early-flowering shrub.

" tartarica alba. With pure white flowers.

Magnolia conspicua. Very large white flowers, blooming in April. \$2.00.

Soulangeana. Large blush; flowcring in April, \$2.00.

Lenne. With very large purplish flowers. \$2.00.

Pavia macrostachya. A grand shrub, with long, showy spikes of flowers. Prunus triloba. With beautiful, double rose flowers.

Pyrus japonica. Eight new varieties; erimson, rose, edged, and yellow. Philadelphus thyrsiflorus. Very long spikes of large, white flowers.

Purple Barberry. Very showy; dark purple foliage. Smoke-Tree (Purple Fringe). A very handsome shrub.

Syringas. Several very fine varieties.

Syringa sinensis. Large elusters of reddish-purple flowers.

Spiræa callosa. A handsome shrub; red flowers.

alba. Beautiful white flowers.

New; covered with small white flowers; fine foliage. Thunbergii. "trilobata, Reevesii pleno, prunifolia pl., and several others.

Tamarax. Very handsome; heath-like foliage and pink flowers.

Viburnum plicatum. One of the very finest shrubs, producing a profusion of globular heads of pure white flowers. \$1.00.

"alantanoides. Handsome, with large clusters of white flowers.

(Snowball.) An old, beautiful, and favorite shrub.

Weigelia rosea and alba. Beautiful shrubs, flowering in June.

Desboisi. Very dark crimson flowers; fine. hortensis nivea. With pure white flowers, variegata. Foliage beautifully edged with white.

White Fringe-Tree. Beautiful hanging clusters of pure white flowers.

And upwards of one hundred kinds of the older and well-known shrubs, by the dozen or hundred.

#### HARDY CLIMBING PLANTS.

Price, 50c. each, except those noted.

Akebia quinata. Rapid growing, with dark, fragrant flowers. 30c.

Aristolochia sipho. Very large flowers and eurious foliage.

Ampelopsis (Virginia Creeper.) One of the best; rapid growing and beautiful.

"Veitchii. Exquisite, a minature Virginia creeper.

Bignonia or Trumpet Flower. Handsome searlet.

Clematis flammula. With very fragrant white flowers, in clusters.

Honeysuckles, Japan, variegated. 30e.

"Hall's New. From Japan; pure white; fragrant and fine.
"Searlet Trumpet. Monthly blooming; searlet flowers. "Variegated Monthly. Fragrant, yellowish-white flowers. Japan Evergreen. Foliage nearly evergreen.

Menispermum Canadense. A rapid-growing and pretty vinc. 30c.

Apios tubcrosa. Covered with clusters of fragrant reddish flowers. Periploca græca. A handsome and vigorous growing vinc. Roxbury Wax Work (Celastrus.) Very handsome.

Wistaria, Chinese Purple. The finest of elimbing plants; purple flowers. 50c. to \$1.50 according to size. Chinese White.

Chinese White. Similar, but with white flowers. \$1.00. Double Chinese. Fine, double flowers. \$2.00.

#### TREE PÆONIES.

Price, \$1.00 to \$2.00 caeh; extra large size, \$3.00 to \$5.00 cach.

These are splendid hardy shrubs, growing two to three feet high; with enormous flowers of various shades of rose, pink, white, and purple, blooming June, and beautiful for shrubberies, or as single specimens. Our collection includes twenty of the handsomest varieties.

#### DWARF BOX.

For borders. A large and fine stock always on hand. 30 cents per yard.

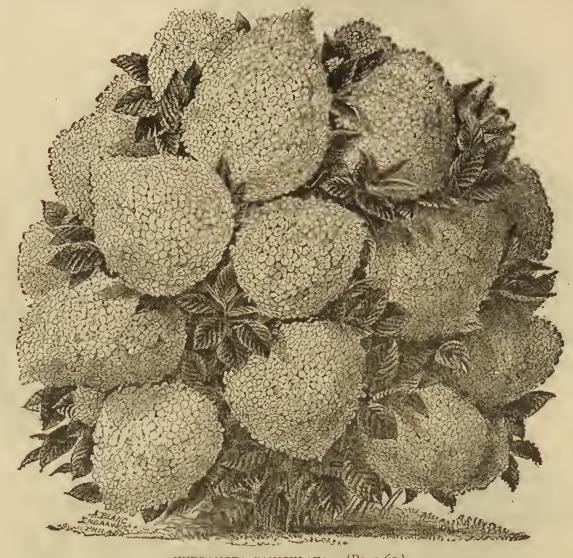
#### CONIFEROUS TREES.

Arbor Vitæ, American. For hedges 1 to 3 feet high, per hundred, \$10.00 to \$20.00. Hand-

some specimens each 25c. to \$1.00. Norway Spruce. 2 to 3 feet high, per hundred, \$25.00 to \$30.00. Each 25c. to \$1.00. Hemlock Spruce. 2 feet high, for hedges, \$20.00 per hundred. Each 25c. to \$1.00.

Glory of the Spruces. New and beautiful silver foliage, \$2.00. Abies elandbrasiliana, A handsome dwarf spruce, \$1.00 to \$2.00.

" pygmæa. A very dwarf and pretty tree, \$1.00 to \$2.00.
" orientalis. One of the most beautiful; leaves deep green, 50c. to \$2.00.



HYDRANGEA PANICULATA. (Page 69.)

Juniperus Bedfordiana. A handsome, spreading tree, 50c. to \$1.00.

cainensis. One of the hardiest and most beautiful, 500, to \$1.00. sueeeia. The Swedish Juniper, 500, to \$1.00.

"
squamata. A dwarf plant of feathery aspect, 50c. to \$1.00.

Rentinospora obtusa. A hardy and handsome evergreen, 50c. to \$1.00.

"
plumosa aurea. Exquisite, all the shoots tipped with gold, 50c. to \$100.

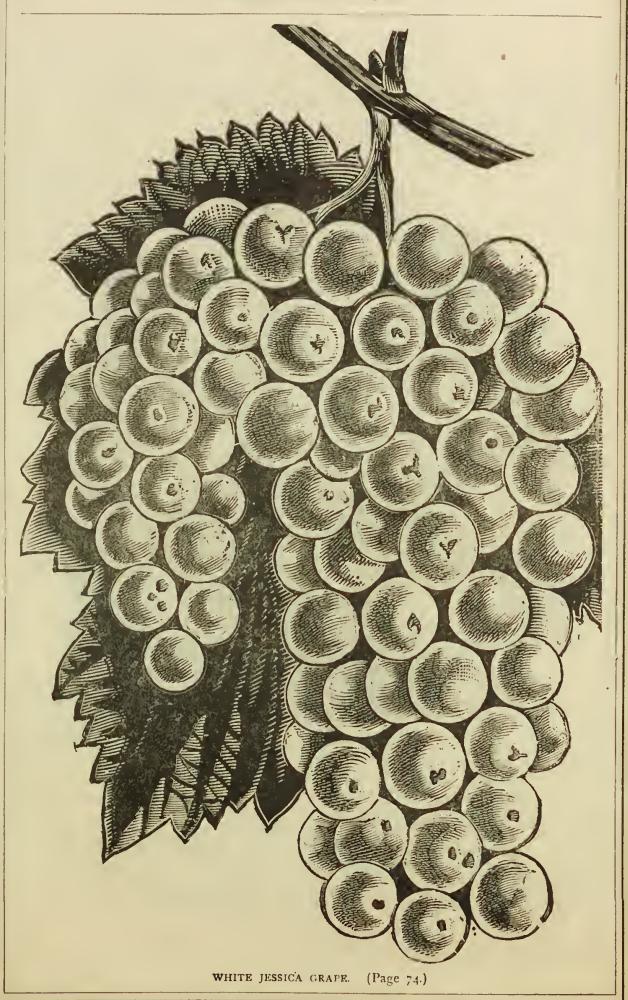
"
plumosa argentea. Beautiful, all the shoots tipped white, 50c. to \$1.00.

lyeopodoides. New, very beautiful, and dwarf, \$1.00.

Taxus eanadensis. A beautiful, hardy, small tree, 50c. to \$2.00.
Thuja Hoveyi. One of the most beautiful of the Arbor Vitæ, 25c. to \$1.00.
"Geo. Peabody. Beautiful, tipped with golden yellow, \$1.00 to \$2.00.
"Queen Victoria. Tipped with pure white, \$1.00 to \$2.00.

Vervaineana, A new and handsome kind, gold tinted, 25c. to 50c.

"Hoope's Dwarf. Dense compact habit, 50c. Pinus austriaca. The Austrian pine, 50c. to \$1.00. "sylvestris. The Scotch pine, 50c. to \$1.00.



#### FRUITS.

### GRAPE VINES FOR GRAPERIES.

Price, 75c. each, except those noted; \$8.00 per dozen. Extra size, \$1.50 to \$2.00 each.

These plants are raised from cuttings of BEARING vines, and all grown in pots. During the last thirty years we have supplied thousands of vines to cultivators in all parts of the country. The following are the leading and new varieties: -

Black Prince, very sweet, long bunches and black berries.

Black Alicante, berries very large, bunch large; a fine keeper.

Bowood Muscat, very large amber berries, large bunches; delicious.

Buckland Sweetwater, large oval berries, amber color, tender flesh.

Burchardt's Prince, a fine, large, black grape; very handsome. Chavoush, large bunches and large, oval berries: amber color.

Chaptal, one of the best early grapes; berries transparent.

Chasselas de Fontainebleau, white, a delicious and fine carly grape.

White, good-sized bunches; rich, sweet, and early.

Duchess of Buccleugh, round berries, golden color and a great bearer. Duke of Buccleugh, a new and splendid large white grape. \$1.00.

Foster's White, bunches and berries large; clear amber color. Frankenthal, very large bunches and black berries.

Frontignan, Grizzly, yellowish-red berries, with delicious Muscat flavor.

White, long bunches and fine Muscat flavor.

Golden Champion, superb; large bunches and largest berries. \$1.00. Gros Bleu, similar to Black Hamburg; berries have a dense blue bloom.

Hamburg, Black, well known as one of the best of grapes. Champion, bunches large and well flavored.

64 Golden, a very fine grape; amber colored, large bunches Wilmot's 16, similar to Black Hamburg, carlier.

Black, large berries, and large bunch; very handsome.

Victoria, similar to Black Hamburg, but larger.

Lady Downes, bunch large, black berries; a fine keeping grape.

Madresfield Court, a new, rich, black Muscat grape. \$1.00.

Muscat of Alexandria, large, long berries, amber color and fine flavor. \$1.00.

Hamburg, fine, large bunches and black berries; delicious. \$1.50. " Cannon Hall, very large, golden-amber berry; delicious. \$1.50. Royal Ascot, bunches large, berries black, very juicy and rich.

#### HARDY GRAPE VINES.

2 year old, 50c., except those noted.

Our collection includes all the really valuable varieties that can be recommended for general culture.

Brighton. A red grape of good size, and excellent in quality, reminding of foreign varieties. It is largely planted and is deservedly popular. 50 cents each; \$3 per dozen.

This well known little grape is unsurpassed in quality and in adaptability to this section. It is more vigorous and productive as the vine attains age. 50 cents each; \$3 per dozen.

An early new white grape, of finest quality, not sufficiently tested in this section. 75 Duchess. cents each.

Early Vietor. Originated in Kansas, and reported to be the earliest black grape; earlier than the Hartford and decidedly better than Concord. It is of medium size, both in berry and

bunch, but is rich and excellent in quality, perfectly hardy and free from mildew, and is pronounced "the grape for the million." \$1 each.

Hyde. Another Early Concord, very much like the Moore and Worden. 50 cents each.

Jefferson. Not surpassed in quality by any American variety; berries large, oval, light red, juicy and vinous, and ranked as "best" by Charles Downing. It ripens about with the Concord, and makes a vigorous, healthy growth. \$1 each; \$9 per dozen.

Lady. The earliest of all; a perfectly healthy and hardy kind, of good quality, color white; productive, and worthy of general cultivation. Two years, 50 cents; \$6 per dozen.

Moore's Early. Much resembles the Concord, except that it is two weeks earlier, and its ber-

ries are larger. Two years, 50 cents each; \$4 per dozen; one year, \$3 per dozen.

Pocklington, Another pure native of the Concord type, but golden white in color; bunches and berries large and very showy; keeps well; is hardy and vigorous, and promises to be a profitable market grape. \$1 each.

Prentiss. This new white grape fully sustains the high praise given in past years. It is a hardy, vigorous and remarkably productive pure native seedling, of first-rate quality for the table or for market. It will, without doubt, rank as one of our best and most profitable grapes. Strong one year plants, 75 cents; two years, \$1; three years, \$1.50. A few extra bearing vines at \$2.

Vergennes. A hardy, vigorous Vermont variety, of excellent quality, of fine pink and purple color. \$1 each.

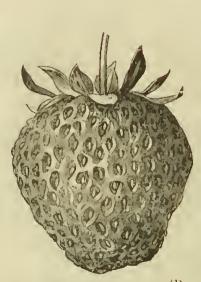
White Jessiea. This new grape may be termed a White Talman or early champion of superb quality, and is destined to become exceedingly popular. All are aware of the very poor quality of the Talman, yet with this tremendous drawback upon it, from its extreme earliness and reliability, it has steadily worked its way to the front as a profitable grape. It would therefore be difficult to imagine a more desirable grape than one possessing fine quality and white in color, with the sturdy and excellent qualities of vine, and the early ripening of the Talman. Such the Jessiea is believed to be. Each, \$1.50.

Worden. Two weeks earlier than Concord, and better. A valuable variety. 37 cents each. \$3

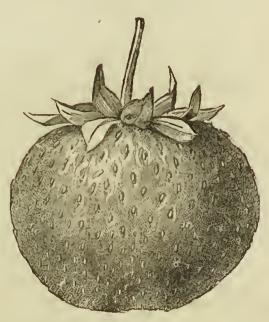
per dozen.

Foreign Grapes, best kinds, 75 cents.

Concord Creveling, Hartford, Diana, Isabella, Salem, etc., at 50 cents to \$1 each.



JAMES VICK STRAWBERRY. (Page 78.)



JERSEY QUEEN STRAWBERRY. (Page 78.)

#### APPLES.

50c. to 75c. each; large size, \$1.00 each. Alexander, very large, round crimson striped. October — November. Baldwin, large red; well known as the popular Winter apple. Danvers Winter Sweet, medium size; yellow, juicy, and sweet Early Harvest, medium size; yellow, tender, and rich. August. Fameuse, medium size; deep red, white flesh, and rich. December — February. Fall Pippin, large greenish-yellow; pleasantly acid. October — December. Gravenstein, large, striped; the finest Autumn apple. September - October. Golden Russet, medium roundish, reddish, russet, high-flavored. November — April. Hubbardston Nonesuch, large, striped, erisp, juiey, high-flavored. November — January. Jersey Sweet, good size, striped, juiey and sweet. September. King of Tompkins Co., very large, roundish, red, and crimson, juiey, and rich. Winter. Ladies' Sweet, large, red and yellow, flesh firm, rich, sweet Winter. Maiden's Blush, medium, flat, pale yellow and blush; very tender. October. Mother, large, striped, tender, juicy, and high-flavored. Winter. Northern Spy, large, striped, tender, rich, and delicious Primate, large, yellow, very tender, and subacid. August.

Porter, large, yellow, conical, tender, juicy, and excellent. September.

Red Astrachan, large, red, flesh white, subacid, and rich. August.

R. I. Greening, large, greenish yellow, a well-known fine apple. December — February. Roxbury Russet, medium, excellent, keeps well February — April.

Sweet Bough, large, yellow, tender, crisp, and sweet. August.

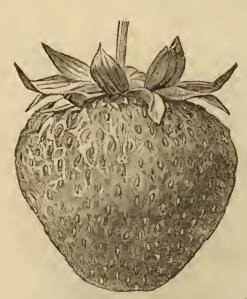
Tolman Sweet, medium, round, yellowish, rich, and very sweet. November - April. Williams Favorite, large, oblong, deep red, very pleasant flavor. August. Yellow Bellflower, yellow, large, oblong, juicy, crisp; high flavored. December - February.

#### CRAB APPLES.

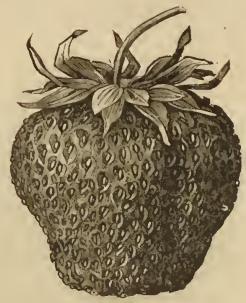
Hyslop, deep crimson, fine size, and very good. Red Siberian, small, red, early, and good bearer. Transcendent, handsome, striped red and yellow, one of the best of the crabs. Yellow Siberian, clear pale yellow, a fine variety.

#### PEAR TREES.

Trees two or three years old, 50c. to 75c. each. Trees of extra size, \$1 to \$3 each. Our stock of Pears includes all the popular varieties, of which we enumerate a few: -



MANCHESTER STRAWBERRY. (Page 78.)



SHARPLESS STRAWBERRY. (Page 78.)

Bartlett. Large size, and delicious, hardy, productive. September. Beurre Bosc. Large russet, highly flavored. October.

d'Anjou. Large and excellent keeps well. November. Clairgeau. Very large, handsome and good. November. Diel. Very large, rich and fine. November. Hardy. Russet; large, rich, delicious. September.

"Superfine. Large, very melting and fine. October. Belle Lucrative. Good size, and very delicious. September. Brandywine. A very fine Summer pear. August.

Buffum. Medium; very productive and good. September.
Clapp's Favorite. Large as Bartlett, and early. August.
Dana's Hovey. The finest Winter pear. December.
Doyenne Bousock. Very large and fine. September.

" du Comice. One of the most delicious of Autumn pears. October.

" d'Ete. Small, but very delicious. August.

Duchesse d'Angouleme. Very large and handsome. November.

Elizabeth. (Manning's.) Small; very handsome and fine. August. Flemish Beauty. Very large: very handsome and excell nt. September.

Howell. Large, handsome, and fine Lawrence. Medium size; a fine Winter pear. December.

Louise Bonne de Jersey. Large, handsome, excellent. October. Seckle. One of the most delicious pears. October. Swan's Orange. Very large, handsome and fine. October. Sheldon. Russet; very high-flavored and delicious. October. Urbaniste, large; a handsome and fine pear. October.

Vicar of Winkfield, a good, late-keeping pear. January. Winter Nellis, Russet; high-flavored and excellent. December.

#### PEACHES.

Price, 25 and 50 cents each, according to size.

Alexander, medium size, red. Early July.

Amsden's June, medium size; from Missouri. July.

Crawford Early, large, yellow, fine red cheek. First of September.

Crawford Late, large, yellow, dull red cheek. Last of September.

Coolidge Favorite, white, crimson cheek, rich, high flavored. Last of August.

Early York, medium size, greenish white, very tender. Last of August.

Foster, orange red, rich and juicy. August.

Grosse Mignonne, large, very rich, juicy, and high flavor. August.

George IV, large, white, red cheek, mclting, juicy, and rich. Last of August.

Hale's Early, medium size, good quality. Last of July.

Mountain Rose, large, red, juicy, and of best quality. Early August.

Old Mixon Free, large, pale yellow, deep-red cheek; fine. September.

Red Rareripe, large, yellow and red, juicy, rich, and melting. September.

Stump of the World, very large, juicy, and fine. Last of September.

Yellow Rareripe, large, yellow, melting, and juicy. Last of August.



EARLY HARVEST BLACKBERRY. (Page 78.)

#### PLUMS.

75c. to \$1.00 each, according to size.

Bradshaw. Large, dark reddish purple, juicy, and excellent. August. Coe's Golden Drop. Large, oval, yellow, very rich. September. Early Orleans. Medium, round, purplish red, rich and good. August. Gen. Hand. Large, yellow, coarse but sweet and pleasant. September. Imperial Gage. Large, oval, pale green, juicy, sweet and excellent. September. Jefferson. Large, oval, yellow, flesh orange, rich, delicious. August. Lawrence's Favorite. Yellowish green, juicy, melting, and rich. August. Lombard. Medium size, violet red, juicy, and good. August. Peach. Large, round, dull red, juicy, sweet, and excellent. August. Smith's Orleans. Large, reddish purple, brisk, rich, and fine. September. Washington Bolmar. Yellow, one of the largest and be-t. August.

#### CHERRIES.

75c. each; large size, \$1.00 each.

Black Tartarian, black, large, rich, juicy, and fine. June and July. Black Eagle, black, large, rich, tender, juicy, and high flavored. July. Black Heart, black, medium, flesh tender, juicy, rich, and sweet. July. Coe's Transparent, large, amber color, flesh tender, juicy, and fine. June. Downer's Late, medium size, red, tender, melting, and excellent. July. Elton, large, yellow and red, flesh tender, juicy, and excellent. July. Early Richmond, medium size, dark red, melting, and good. June. Gov. Wood, large, yellow and red, one of the finest cherries. June. Knight's Early Black, large, black, sweet, and delicious. June. May Duke, large, red, juicy, sprightly, and fine. June. Rockport Bigarreau, large, amber color, firm, sweet and rich. June. Yellow Spanish, large, white and red, flesh firm, juicy and excellent. July.

#### QUINCES.

50c. to \$1.00 each, according to size.

Champion. New, very large, flesh tender. Orange or Apple. Large, round, golden yellow.



HANSELL RASPBERRY. (Page 78.)

#### APRICOTS.

50c. each.

Early Golden, small, orange, juicy, sweet, and good. July. Moor Park, large, yellow and red, very sweet and juicy. August.

#### NECTARINES.

50c. each.

Boston, large, bright yellow, red cheek, sweet and fine. September. Early Newington, large, pale green, rich and juicy. August.

#### STRAWBERRIES.

Our collection includes all the really valuable and standard varieties, which has worthy of general cultivation; also the best of the new kinds recently introduced.	ave been	found
Plants Defence Color derly gloggy and more lorge	Per Doz.	

worthy of general cultivation; also the best of the new kinds recently introduced.		
Black Defiance. Color, dark glossy red, very large	Per Doz.	AL .
Boston Pine. Very early, large, delicious, and productive	-	\$1.50
Bidwell. New, with large dark crimson berries, and of excellent quality		1.00
Charles Downing. Good for general cultivation	.50	1.50
Col. Cheney. Large, hardy and productive		1.00
Crescent Seedling. A very productive variety		1.00
Duchess. Early, prolific, and fine flavor	•	1.50
Gen. Sherman. Light, conical, early.	. 50	1.00
Hervey Davis. Large, handsome, and good	. 50	1.50
Hovey's Seedling. The largest and finest strawberry	. 5	1.50
Jas. Vick. This new strawberry is described as large, bright scarlet, of good		50
quality, and one of the most prolific varieties ever introduced	2.00	10.00
Jersey Queen. Of the largest size, solid, heavy, with a flavor unsurpassed, and		
considered one of the finest growing varieties	1.50	10.00
Jenny Lind. One of the finest early varieties		¥.00
Jucunda. Very large, showy and good		1.00
Kentucky. Very large, late and good		1.00
La Constante. Very large and handsome, fine flavor		2.00
Monarch of the West. Very large, juicy and fine		1.50
Manchester. Average size, large; color, bright scarlet; good quality, and very		
productive	1.00	5.00
Mount Vernon. A fine, late variety	50	2.00
President Lincoln. Very large	• •	1.50
Pioneer. Early, productive and excellent		1.50
Sharpless. One of the largest berries, good bearer and fine flavor	.50	1.50
Wilson. Large, productive, acid; well-known variety	• •	1.50
Targe, productive, acid, well known variety	• •	1.00
RASPBERRIES.		
Belle de Fontenay. Hardy, producing a crop in the autumn	1.00	1.50
Brinckle's Orange. Yellow berries, finely flavored	1.50	8.00
Clarke. Entirely hardy, rich, and well flavored	1 00	5.00
Cuthburt. Red, firm and superior quality, a vigorous grower, productive and		• • •
hardyhardy	1 00	5.00
Gregg. (Black Cap.) Large, productive	1.00	
Hansell. New, very early, crimson, very productive, superb, large, fine quality	3.00	
Herstine. A new variety, said to be excellent	1.50	6.00
Knevet's Giant. One of the best, large, and finely flavored	1.50	6.00
Souhegan. (Black Cap.) New, very large, remarkably prolific, fine quality	1.50	• •
CURRANTS.		
Cherry. Very large, with darkened berries, rather acid		0
Dana's Transparent. The finest white variety	1.50	8.00
La Versaillaise. Very large; the finest red currant	2.00	10.00
White Grape. A very fine variety, large and productive	2.50	10.00 10 00
White Dutch. An old but fine variety	1.50	10.00
Red Dutch. A very fine variety	1.50	8.00
Black Naples. A fine, large fruit	1.50	10.00
	J	
BLACKBERRIES.		
Early Harvest. Extra early and of fine flavor	1.50	8.00
Dorchester. Very early; berries very large, rich and sweet	1.00	5.00
Holcomb. A large, late, and fine variety	1.00	5.00
Kittatinny. Large, sweet, and of excellent flavor	1.00	6.00
Wilson's Early. Very large, rich and good	1.50	6.00
MULBERRIES.		

Downing's Everbearing. Black, fine, 50c. to \$1.00 each. White Mulberry. Yellowish fruit, sweet. 50c. each.

#### GOOSEBERRIES.

Downing's Seedling, light green, smooth, soft, and juicy. \$1.50 per doz Houghton's Seedling, pale red, tender; sweet and delicate flavor. \$1 00 per doz. Smith's Seedling, large, light green, firm; sweet and fine. \$1.50 per doz.

### ORNAMENTAL TREES.

#### MAPLES.

Norway Maple. 7 to 8 ft., 50c.; large size, \$1.00 to \$2.00 each. Rock Maple. 8 to 10 ft., 50c.; large size, \$1.00 to \$2.00 each. Sycamore Maple. 7 to 9 ft., 50c.; large size, \$1.00. Scarlet Maple. 6 ft., 50c.; large size, \$1.00 to \$2.00 each. Wier's cut-leaved Maple Beautiful lawn trees, \$1.00 each. White or Silver Maple. 50c.; large size, \$1.00 to \$1.50. Purple-leaved Maple. Very handsome. \$1.00 to \$1.50 each.

#### ELMS.

American Elm. 50c.; large size, \$1.00 to \$1.50 cach. Scotch Elm. 50c.; large size, \$1.00 to \$2.00 each. English Elm. 50c.; large size, \$1.00 to \$2.00 each.

#### BEECHES.

American Beech. 50c. to \$1.00 each.

Purple Beech. Beautiful, almost black leaves, \$1.00 to \$2.00 each.

Cut-leaved Beech. Very handsome, \$1.00 to \$2.00 each.

#### LIME OR LINDEN.

American Linden. 50c.; large size, \$1.00 to \$1.50 cach. European Linden. 50c; large size, \$1.00 to \$1.50 each.

#### HORSE-CHESTNUTS.

White Horse-Chestnut. 50c.; large size, \$1 00 to \$2.00 each.

#### BIRCHES.

Canoe or Paper Birch. 50c.; large size, \$1.50. Weeping Scotch Birch. A beautiful tree; 75c. to \$1.00 each.

#### POPLARS.

Silver-leaved Poplar or Abele. 50c. each; large, \$1.00 Balsam Poplar. 50c.; large, \$1.00. Italian Poplar 50c.; large, \$1.00.

#### ASH.

White American. 50c.; large, \$1.00 to \$1.50. European Mountain Ash. 50c.; large, \$1.00.

#### MAGNOLIAS.

M. Acuminata. 50c. to \$2.00 each. M. Tripetala. 50c. to \$1.50 each.

#### WEEPING TREES.

Weeping Ash. \$1.00 to \$1.50 each.
Weeping Mountain Ash. \$1.00 to \$1.50 each.
Weeping Cherry. \$1 50 to \$2.00 cach.
Weeping Elm. \$1.00 to \$1.50 each.
Weeping Kilmarnock Willow. \$1.00 to \$2.00 each.
Weeping Willow. 50c. to \$1.00 each.

## AGRICULTURAL IMPLEMENT DEPARTMENT.

Encouraged by the liberal patronage bestowed on us during former years, we take pleasure in informing you that for the season of 1884 this department has been enlarged and improved, and we are prepared to supply our customers with the most Improved Tools and Machinery for use on the farm, garden, and lawn. In the following pages we bring to your notice a few of our leading specialties only, and if you should be in want of anything not described we solicit your correspondence, and will use every endeavor to supply your needs. We shall keep only first-class goods, and hope by so doing that we shall merit a continuance of your patronage.

## THE PHILADELPHIA LAWN MOWERS.

1884.



We take great pleasure in again presenting our customers with the BEST LAWN MOWER IN THE MARKET. Their great merit is shown by the fact that there are over 200,000 machines in use in the United States and Europe, and in every instance they have given perfect satisfaction. The market is crowded with poor imitations, which in some patterns, work nicely the first year, but afterward have to be thrown into the old iron and sold as such. On the other hand we find daily, Philadelphia Mowers that have been in active use from seven to ten years, and having had proper attention during that time, are giving good satisfaction to-day.

We feel convinced that no other Lawn Mower can show so clean a record as this, and we carnestly recom-

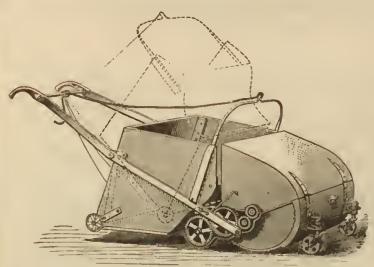
mend our patrons to thoroughly examine the Philadelphia, before purchasing any other. To show their popularity, we mention the fact, that they are the only mowers used on our beautiful Boston Common and Public Gardens. Below we give a description of the different sizes.

#### HAND MACHINES.

#### PRICE LIST.

Style.	Width of Cut.	Weight Manu	facturer's J. Breck & Sons rices. Net Cash Prices.
WANTED OFFICE		reight. 1	A
"THE CITY."	10 inches,	22 pounds	\$11.00\$9.00
"	12 "	24 "	13.00 10.00
64 66	14 "		15.00 11.00
Style D. 10 inches.	6½ inch Wheels.	26 "	13.00, 10.00
" D. 12 "	6½ " "	28 "	15.0012.00
" D. 14 "	6½ " "	30 "	17.00 14.00
	This style especially recomm	ended for small pla	ces.
Stule M in ch			
Style M. 14 inches.	7 inch Wheels.	30 pounas	17.00
" M. 16 "	7 " "	38 "	19.00 15.50
This style has	ving silent ratchets is especial.		
Style M. To menes.	7 inch Wheels.	44 pounds	21.00
" M. 20 "	7 " "		23.00 18.50
15 7820 17 16	6,714 4	"	23.00
" 1879. 15 "	01/2"	51 "	19.00 15.50
This style having s	pring ratchets is especially re	commended for par	ks and public grounds.
Style H. 14 inches.	7 inch Wheels.	27 nounds	T7 00 E1 00
" H. 16 "	eg 66 66	20 "	10.00
// TT 0 //	/	39	19.00 15.50
" н. 18 "	7 " "	44 "	21.00 17.00
Attachment for collecting	ig the cut grass		
	This stale has an above suiton	and man at himb a	
	This style has an open wiper	ana runs ai nigh sj	rea.

### THE PHILADELPHIA LAWN SWEEPERS.



In connection with the Hand Lawn Mower, we wish to call attention to the *Philadelphia Lawn Sweepers*. These are coming into use more and more each season, and the perfect manner in which they do there work is simply wonderful. They remove all cut grass and leave the lawn in a beautifully smooth and velvety condition. A person having a fine lawn of any extent will find one of these machines to be indispensable, and will be amply repaid by the excellent condition in which it leaves his grounds

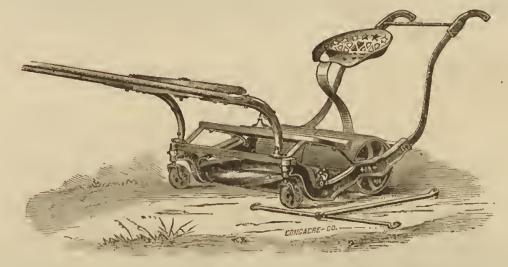
They are very simple in construction. A driving roller gives motion to a revolving brush placed directly in front, causing it to sweep the sod

clean and throw the sweepings backward from the top of the brush into a large box in the rear of the roller. In the horse-machines this box can be dumped without stopping.

### PRICE LIST OF LAWN SWEEPERS.

	Manufacturer's	J. Breck & Sons'
	Prices.	Net Cash Prices.
Hand Machine, sweeps 24 inches wide	\$18.00	\$17.00
Horse Machine, sweeps 40 inches wide	70.00	66.50

### THE PHILADELPHIA HORSE LAWN MOWERS.



To those who are the fortunate possessors of lawns so large that the use of a hand mower would become tedious, we offer the *Philadelphia Horse Lawn Mower*, feeling confident that it will do its work in a thorough manner, with a great saving of time and labor. This machine is made of iron and steel, with but very little wood used in its construction, and is therefore the most durable machine in the market. All the gearing is amply protected, which is a very important item in its construction, as it prevents all clogging, a common fault in all other machines. As shown above with shafts and scat, it is intended to be used on large, open grounds, and any one capable of driving a horse can handle it so as to do excellent work. As shown in the following cut with draft rod, it is especially adapted to hilly and uneven lawns where there are many walks and much shrubbery

On such lawns there is no lawn mower made that will equal them in *convenience* of operating, *keeping in order*, and quality of work. Being of very light draft and easily guided around obstructions and turned in every small space, they can be used on any ground where a horse can get through without anything attached to him.

As the machines will work equally well without the easter wheels, and with the horse walking to one side, they can be used in wet weather without leaving horse and easter wheel tracks; and in hot, dry weather, an even, green sward can be left, of sufficient height to protect the grass roots, which cannot be done with a machine in which it is necessary for the horse and caster wheels to press down the grass in front of the cutters.

### THE PHILADELPHIA HORSE LAWN MOWERS.



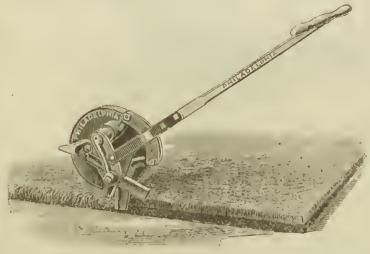
The 36 inch cut Horse Lawn Mower is intended for parks and large open grounds, and are constructed in the most thorough manner with steel shafting, brass bushing, &c., and must be examined to be appreciated. The frame is jointed so as to admit of the cutters being raised by the driver while in motion. The spiral blades are attached by bolts and sett screws, so they can be taken off and ground; also many other very important improvements.

The price is high, but we design it to be what it is, - The best Horse Lawn Mower for Parks

ever made.

### HORSE LAWN MOWERS.

							PR	ICE	E LIS'	T.	Manufacturer's Prices.	J. Breck & Sons' Net Cash Prices.
30	inch,	with	Draft	Rod,	Light	Hors	e, 315 j	oun	ds		\$100.00	\$ 85.00
30	44	6.6	Shafts	and	Seat,	Light	Horse,	350	pounds	3	120.00	100.00
36	1.6	6.4	4.6	16	4.6	66	66	450	26		160.00	150.00



### THE PHILADELPHIA LAWN EDGER.

This is a recently patented machine, invaluable for trimming the edges of driveways, walks and borders, where the lawn-mower wheels leave the grass uncut, and which by the old method had to be trimmed with shears. We are confident it will have a large sale with all who desire a nicely kept lawn.

Price.....\$6.00

As a conclusion to the foregoing description of the Philadelphia Lawn Mowers, etc., we wish to say that, in purchasing a lawn mower be kind enough to bear in mind the three following suggestions, also the fact that we guarantee every machines to be exactly as represented.

DO NOT BUY A LAWN MOWER having the spiral blades riveted on; your man will strike stones, and it is possible to batter and nick the best steel, and then how are you to get the maehine fixed so it will work?

DO NOT BUY A LAWN MOWER that is not arranged so that the knives will sharpen them-

selves while cutting the grass, for if you do it will prove a never ending source of annoyance.

BUY A PHILADELPHIA LAWN MOWER, follow the printed directions, and it will be sure to

please you.

We will mail free on application, circulars of the Philadelphia Lawn Mowers, etc., giving full description of each machine.

### THE THOMAS SMOOTHING HARROW, CULTIVATOR AND PULVERIZER COMBINED.



Any machine that will save labor and make better crops at less expense is an invaluable acquisition to the farmer. The Thomas Smoothing Harrow has been thoroughly tested, and we can safely say that it will do better work and make better crops than any other implement of the kind in the market.

It smooths all soils in a superior manner, and surpasses all implements in use for the cultiva-

tion of young growing crops

For corn at any and all times, after plowing the ground and before it is ten inches high, we freely use this harrow to break up the hard surface after rain, to kill the weeds and keep the soil light. It effectually kills all young weeds and loosens the soil both in the hills and between the rows, without injuring the corn. It surpasses for these purposes the most thorough work of cultivator, hoe and fingers combined. With it a man can thoroughly pulverize the soil, eradicate all the weeds in ten acres as soon as he can one acre with any other implement.

For potatoes and cotton it is nearly as useful as for corn, and is used in the same way.

For winter wheat it is the best implement. Wheat as well as corn is greatly benefitted by spring culture. While other harrows break the roots and loosen the plants, the slanting teeth of this slide over them and push them into the loosened soil, while they kill all small weeds and open the soil to the heat of the sun and the stimulating gases

Spring wheat, barley and oats should be well eultivated with the harrow after they get a good

start.

For all crops above named this thorough culture produces such prompt and rapid growth as to make earlier and better crops. It enables the farmer to lay by his corn well grown before harvest; and the crop itself will be so far advanced as to be better able to stand the drouth of our sunimers.

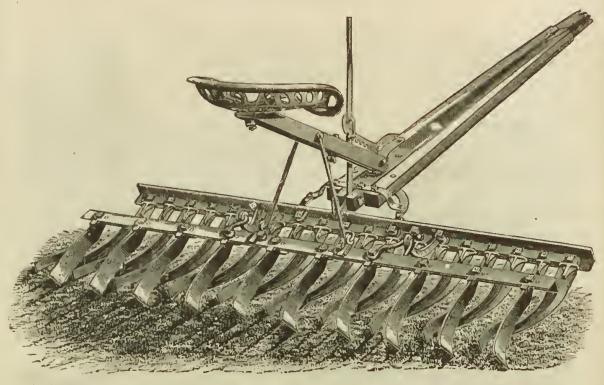
Any one who cultivates ten acres of corn can make enough in the saving of labor and increase of crops to pay for one of these harrows every year.

When with a seat, or weighted, this harrow makes an excellent pulverizer.

	PRICE LIST.	Manufacturers' J. B. Prices. Net	reck & Sons' Cash Prices.
No. 2. 2 section, 48 teeth, 61/2	feet spread	\$15.00	\$14.00
Seats extra 72 9½ Seats extra			

Paniphlets giving a treatise on corn culture and a complete description of the harrow mailed on application.

# "ACME" PULVERIZING HARROW, CLOD CRUSHER AND LEVELLER.



This invention, the production of Mr. Frederick Nishwitz, the original inventor of the Disk or Wheel Harrow, is the result of a long series of experiments in which he became convinced that the disk harrow is adapted only to superficial pulverization. Being himself a practical farmer, as well as a mechanic and inventor, and feeling the need of a thorough pulverizer in his own farming operations, he conceived the plan of combining a clod crusher, leveller and harrow in one implement.

His aim was to accomplish the most thorough work with the least expenditure of time and labor, and his success has been truly marvellous, as is shown by the result, viz., the production of an implement which weighs much less than other pulverizing harrows, sells about one-third less,

and withal does the most thorough work of any.

The "ACME" has been subjected to the most thorough practical tests in all sections of the country, which establishes, beyond doubt, the fact that it is the best implement of its class yet produced. In fact, it is the only pulverizer combining a clod crusher, leveller and harrow performing the three operations at one time, and is believed to be the only one yet offered that will do its work thoroughly on all kinds of ground, leaving the soil in a light, loose condition, just as the farmer desires to have it.

While it is invaluable for all purposes where a harrow is needed, it is peculiarly adapted to hard clay and inverted sod, and to ground which has become packed and baked after plowing, as

well as to levelling uneven land.

		PRICE LIST.	Manufacturer's Prices.	J. Breck & Sons' Net Cash Prices.
No. 6.	For	Two Horses	\$25.00	\$24.00
" 7.	6.6	Three Horses	20.00	28.00
· · · S.	64	Four Horses	51.00	50.00
9.	**	Six florses	59.00	55.00
Size A.	66	One Horse	25.00	24.00
Cor	nple	te and descriptive eirculars mailed on application.		· ·

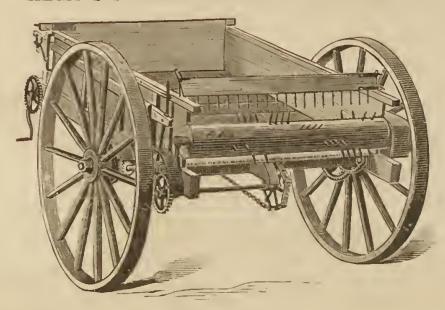
### KEMP'S PATENT MANURE SPREADER.

It has been well said that the "manure pile is the farmers' bank." Upon it depends his crops and his success in farming. No farmer has manure enough. He can always find use for more than he has. It is therefore of first necessity that he shall employ it to the best advantage and get all the good there is in it.

It is poor economy to make great outlays of time and expense in saving and collecting manure and then lose from one-third to one-half its benefits by a careless and senseless way of applying it

to the field.

### KEMP'S PATENT MANURE SPREADER.



We believe that every farmer can largely increase the value of his manure pile by its proper

application, by thorough pulverization and even spreading.

This can be easily done with the Kemp's Manure Spreader, which will thoroughly and evenly spread all kinds of manure found upon the farm, from the roughest and toughest down to the finest, including ashes, in all conditions, wet or dry, and the time required to spread a load is from

one and a half to two minutes, without manual labor.

It can be regulated to spread different quantities of manure to the acre. The farmer may know just how much manure he is using without the trouble of measuring his field and his manure

It can be accurately regulated to spread any number of bushels of ashes to the acre-

The Spreader has been in use for four seasons, and there are now over one thousand of them in the hands of the best farmers in New England, many of whom report that their spreader paid for itself in the first season,

We have constantly studied and adopted improvements which make it now one of the strongest

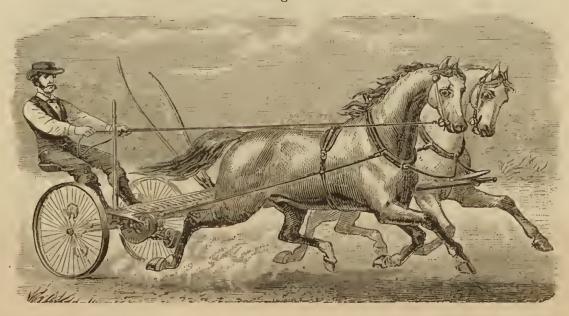
and most reliable of farm machines.

### PRICE LIST.

Price on cars at Worcester. \$100 00. Freight to be added if shipped from Boston. Illustrated and descriptive pamphlets of the Kemp's Manure Spreader will be mailed free on application.

### THE NEW MODEL BUCKEYE MOWER.

The Standard Mowing Machine of America.



The BUCKEYE has been for twenty-five years the Standard Mower of America. It has been tested every way by practical results, and by comparison in field trials with all competitors, many

of which have passed out of use. Its merits are efficiency, simplicity and durability.

It has demonstrated that it will do all the work that can be done with a mowing machine. It does its work perfectly, while it has a fewer number of parts than any other machine, and these so arranged as in every way to carry out the best mechanical principles. It is the most reliable of farm implements.

There are Buckeyes still doing good service, that have been in use from fifteen to twenty-five years. But those who are only familiar with the old Buckeye, do not fully know the merits of the NEW MODEL BUCKEYE, which as far surpasses all the other mowers of today, as did the Buckeye

of twenty-five years ago its competitors of that period.

It has constantly been subjected to improvements earefully studied, in the direction of simplicity and durability. The improvements of the present season are especially excellent in these

respects.

The New Model Buckeye of 1882 contains less pieces than any other moving machine. Its few parts are so simple that they can be kept in order by any one who knows enough to handle a team. There is positively no work in the hay field of any kind or description that can be done with a mowing machine, that the New Model Buckeye cannot do; while its double jointed perfect floating cutter-bar, adapting itself to all irregularities of surface, and many other long and fully tested features of construction, enable it to do a great deal of work that other machines cannot do. It will cut any and all kinds of grass under any and all conditions, wet or dry, heavy or light, thick or thin.

To sum up, the New Model Buckeye will perform all work that can be done with a mowing

machine and meet every practical demand of the hay field.

### PRICE LIST.

					4 feet 6 inches	
6.6	2.	4.6	4.6		4 feet	10.CO
11	3-	66	44	46	for one horse, 3 feet 6 inches	5.00

Each machine is furnished with two complete scythes, two extra knife sections, two extra guard fingers, screw wrench, punch, cold-chisel, oil can, rivets, bolts and whiffletrees, evener, and neck-yoke.

On application we will mail pamphlets presenting some of the leading facts relating to the New Model Buckeye Mowers, to which we earnestly commend the attention of farmers.

### THE IMPROVED BULLARD HAY TEDDER.



This Tedder has been submitted to the severest test of field work in this country and Europe, and is admitted to be the only one yet offered to the public that will thoroughly spread long, heavy grass, taking it up from the bottom, tossing it gently into the air, and leaving it light upon the ground for the free access of sun and air. By its feature of construction found in no other tedder, its forks extend outside and in the rear of the wheels, thus the wheels are always inside and in front of the forks, and no hay that has been tedded is run over and matted down, as is the ease with all other tedders where the wheels are outside the forks, since in passing back and forth one wheel must either lap over upon the tedded hay to get a full width or some of the hay be left without being tedded.

By its movement the forks are inserted beneath the hay with a quick, plunging stroke that is almost the exact motion of a fork in the hands of a brisk and skillful man, tossing and shaking

the hay thoroughly from the bottom.

The forks can never be clogged, but instantly clear themselves in heavy grass—just where the work is most needed. This is impossible with other forms of tedders. By means of a lever the operator can raise or lower the forks to pass obstructions or adapt them to rough ground. The forks having spiral springs, meet obstructions without injury—the simplest and best fork attachment known.

The Improved Bullard Tedder will spread four acres of heavy grass in an hour, accomplishing the work of six or eight men. It does its work so thoroughly that the hay may be taken to the barn in the best condition the very day it is cut, for its draft is so light, that without injury to the horse, the tedder can be kept going constantly during the process of curing. It does the work so quickly that the process of turning the hay can be several times repeated.

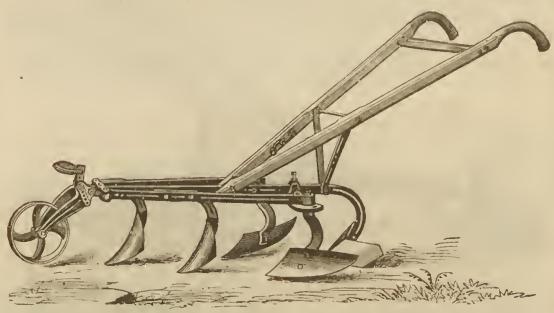
The value of a tedder cannot be understood from a poor and inferior machine. The Bull-

ard Tedder gives full effect to every hour of sunshine.

Send for illustrated and descriptive catalogue of the Bullard Tedders; mailed free of expense.

### THE PLANET Ir.

Horse Hoe, Plow, Cultivator and Coverer Combined.



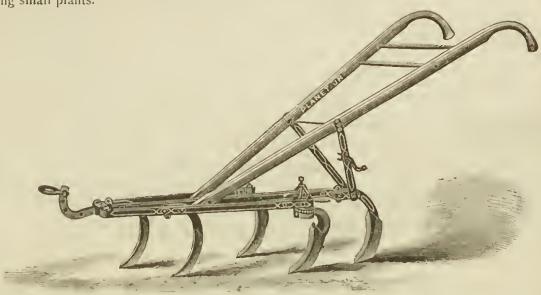
This is the most useful combination of one horse cultivating tools ever offered the farmers of this or any other country; it combines in one tool the qualities of the plow, the wheel hoe, the eultivator and corn coverer. When used as shown in the following cut, it is a perfect tool for eultivating and light plowing of all crops, and for hilling and ridging. When the frame is shut up elose, it will open a furrow like a plow. The front two teeth and the rear one can be changed in pitch for deep or shallow work or for light and heavy land. The side hoes or plows can be quickly changed to any angle to the group of the property of the group of the property of the group of th changed to any angle to throw much or little soil to or from the row.

When throwing a furrow toward the row it will finish at one passage one side of each of two

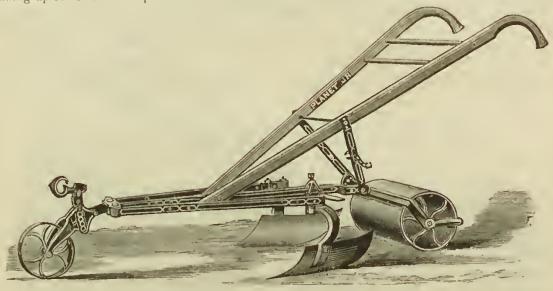
rows, when from 2 feet to 3½ feet apart.

By reversing the rear teeth it is ready for hoeing; the side teeth shaving off close to the plants and the rear ones returning the earth for use in finishing up with a hand hoe. In this form it runs very steadily, and can be used to shave very close to the smallest plants, without danger to them. The curved front edge of the hoe slanting backward cleans the surface without working deep till at a safe distance from the row.

The next figure shows it as a plain cultivator. Standards strong and shaped to avoid clogging; all the teeth are adjustable in pitch, the frame in width, and the handles in height. It has the standing clevis with lock pin and stirrup clamp, same as the horse hoe, and the latest improved teeth, of which there are four widths, 1¼ in., 2¼ in., 3½ in., and 4½ in. The narrowest are excellent for working soil deep without throwing any furrow, especially useful in hard ground and among small plants.



The following cut shows it as a coverer, with adjustable wheel in front and roller in the rear. In this form it is constantly useful for covering corn, potatoes, rice, cotton, sugar cane, etc., and for making up rows for small plants or for the seed drill.



The change from horse hoe to plow is made by simply loosening the bolts that hold the hoes to the frame, and turning them around the other end foremost without changing sides; and the hoes or plows can be set at any exact angle by means of our improved ratchet top hoe standard.

No arrangement could be more complete or more easily and quickly changed to any way desired. Nor is there any kind of field crops to the cultivation of which the Planet Jr. Combined Horse Hoe and Cultivator is not adapted.

The changing of the Combined Horse Hoe from a horse hoe to a cultivator is quickly done, by simply taking off the rear steels and placing the cultivator teeth on the same standards.

	anufacturer's Prices.	J. Breck & Sons' Net Cash Prices.
Planet Jr. Combined Horse Hoe and Cultivator, packed weight, 60 lbs. with Wheel, packed	\$11.00	\$10.25
weight, 70 lbs	12.25	11.50
Planet Jr. Combined Horse Hoe, Cultivator and Coverer, packed weight,	1 5.00	14.00
90 lbs Planet Jr. Plain Horse Hoe, packed weight, 55 lbs	10.00	0.50
" " Cultivator, " " 55 "	8.00	7.50

### THE PLANET Ir. FARM AND GARDEN IMPLEMENTS.

FOR HAND USE.

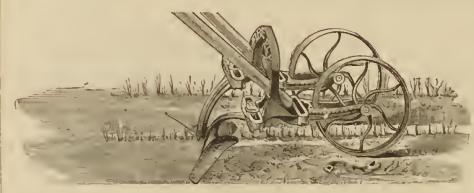
"FIRE-FLY" Single Wheel HOE, CULTIVATOR AND PLOW.



This is a new claimant for public favor and is sure to receive a share of it, for it combines lightness and strength with the greatest adjustability and variety of Hoes.

Price, \$4.50, boxed.

"FIRE-FLY" Double Wheel HOE, FOR ROWS AND HILLS.



The "Fire-Fly" Double Wheel Hoe, for rows and hills, is still another new tool, and is bound to be a special favorite for all kitchen garden erops.

Price, \$5.00, boxed.

### THE IMPROVED PLANET Jr. SEED DRILLS.

The Garden Tools described below, are finely formed and finished tools, and to the practical man they supply a need long felt, namely: - A small implement to be used by hand, and at the same time perform its work with an accuracy that is only found in larger machines. Those having a kitchen garden, and the market gardener will find their use invaluable. We want such men to know how useful the Planets are, and how nicely adapted to the work intended, and we feel sure that after a careful examination of their merits that they cannot afford to be without them.

### THE PLANET Jr.

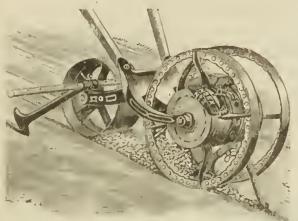
Combined Drill, Wheel Hoe, Wheel Cultivator and Wheel Plow.



With this combined tool the whole garden can be plowed preparatory to planting; then the furrows for potatoes, beans, corn, manure, etc., can be opened and covered, and, finally, the crops tended as handsomely and thoroughly as with a horse hoe or cultivator. It works easily, throws a light or heavy furrow, can be set at different depths and angles, and is an admirable tool for all general heavy work. The cultiva-ting teeth furnished with each machine are a plow, a pair of protecting curved point hoes, and a set of three cultivator teeth; all the blades are steel, hardened in oil, tempered and polished; a wrench accompanies each machine and full directions for use.

The steel blades are cheaply replaced by mail. By removing the roller and using the hilling hoes, seed can be dropped and covered very deeply.

### THE PLANET Jr. SEED DRILL, No. 2.



As is seen in the cut, the Planet Jr. has double carrying wheels, with the spring brass seed reservoir in the centre; this arrangement keeps the seed in continual agitation, preventing the slightest chance of packing, or collection of dirt around the discharge holes. The value of this feature will be well understood, when we say that soaked or sprouted seeds, even if mixed with earth or sand, can be sown perfectly, and without danger of spliting or injury to the softened seed. These advantages, combined with the evident fact that the entire absence of gearing, cogs, brushes, levers, cams, etc., make the sowing devices of the drill durable, noiseless and simple, and the machine light running, and

go farther to explain and convince of the value of the Planet Jr. Seed Drills than any noisy claim, that we made the best drill in the world, could do.

### THE PLANET Jr. DRILL, No. 3.

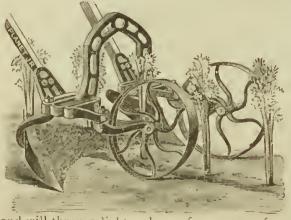
This is our largest size drill, holding one-half a bushel; it has but one wheel, 24 inches high, with the seed reservoir in the centre, with a double set of sowing openings, one on each side of the wheel. It has no opening plow, coverer or roller, and is intended for work only in the furrow, for distributing fertilizers, or for dropping corn for fodder, peas, I eans, broom corn, &c., by the bushel. One or both sets of discharge holes can be used. When sowing fertilizers in the furrow they are spread on the sides of the furrow only, thus avoiding danger to seed, or to plants dropped or set centrally in the row, and placing the fertilizer just where the new roots of the young plants will need it.

When put on a growing crop by plowing away and sprending alongside, the openings on but one side of the drill are used. It is a general favorite among truckers and gardeners using fertilizers in the row, or sowing peas, beans and other large seeds extensively in the furrow.

			PRICE LIST.	Manufacturer's	J. Breck & Sons'
	_			Prices.	Net Cash Prices.
The	Planet	Jr.	No. 2, Garden Drill, packed weight, 40 lbs	\$12.00	\$10.50
6.6	66	8.8	Combined Drill and Wheel hoe, packed weight, 40 lb	s. 15.00	13.50
64	66	4.6	No. 3 Seed and Fertilizer Drill, packed weight, 50 '	' 20.00	18.00

### THE PLANET Jr.

# Double and Single Wheel Hoes, Wheel Plows and Wheel Cultivators Combined.

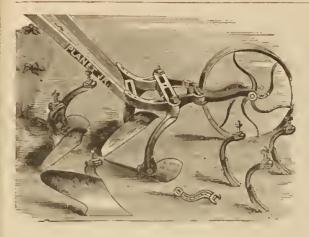


Hoeing is one of the most laborious, tedious and costly portions of farm and garden work, yet since it is one of the most necessary, it will repay all to avail themselves of improved implements to save in this direction. In market gardening, onion, broom corn and rice culture, as well as numerous other crops, hoeing is the chief cost; and although much seed, time and labor are saved, and better crops obtained by using a seed sower for planting, much more can be saved by the after use of a good wheel hoe, for the sowing must be done but once while hoeing is repeated constantly until the crop is made, and a good wheel hoe will work much closer than is possible with a hand hoe, and many times faster,

and will throw a light or heavy furrow to or from the row, or cultivate deep or shallow at will; not only far surpassing hand work in quality, but enabling its owner to perform the work so rapidly that he can get through his hoeing at the exact time when it is most needed and while the condi-

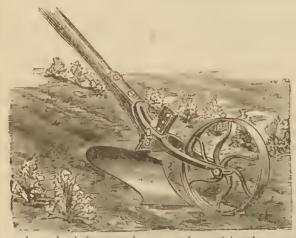
tion of the crops and soil are most favorable for rapid and effective work.

Each Double Wheel Hoe is supplied as follows: — One pair of long hoes with front ends curved forward to protect the smallest plants from danger; one pair of small neat plows and two pairs of cultivator teeth. All the teeth are steel, hardened in oil, tempered and polished. The frame is so constructed that the hoes on one side can be set ahead of those on the other if desired. A wrench and full directions for use accompany each machine.



In the Single Wheel Hoc the plow is much larger than those in the double wheel hoe. The different teeth are used the same as described for the double wheel hoe, except that this works between the rows, working one side of each of two rows instead of both sides of one row at once. Each machine has a large plow, one pair of curved pointed hoes, and a set of three cultivator teeth. All the teeth are steel, hardened in oil, tempered and polished. The frame is so arranged as to allow of any desired position of the different tools. A wrench and full directions for use accompany each machine.

						PRICE LIST.	Manufacturer's Prices.	J. Breck & Sons' Net Cash Prices
Planet	Jr.,	Double '	Wheel	Hoe, 35	lbs.		\$10.00	\$0.00
6.6	4.6	Single	C L	30	, 46	with Cultivator and Plow.	7.00	6.00
44	44	46	**	" 25	- 66	plain	6.00	5.25
		TH	E FI	REF	LY	GARDEN HOE	AND PLOW	5 2



Makes the care of a vegetable garden a pleasure, and 10,000 families who could not find time to keep a garden if attempting its cultivation with the ordinary hand hoe, can now raise their own vegetables successfully by the use of these labor and time saving tools. They are made with polished and tempered steel mold boards, and have eyes for attaching a rope to assist, only in heavy work, such as breaking up the ground in the spring. They will open the furrows for peas, beans, corn and potatoes, and neatly cover them.

All later cultivation of these and all other garden crops, can be rapidly, thoroughly and beautifully done and nothing can compare with the quality of work of this little tool, which can be quickly adjusted to run shallow for hoeing,

and worked deep and narrow for cultivating, and deep and wide for plowing.

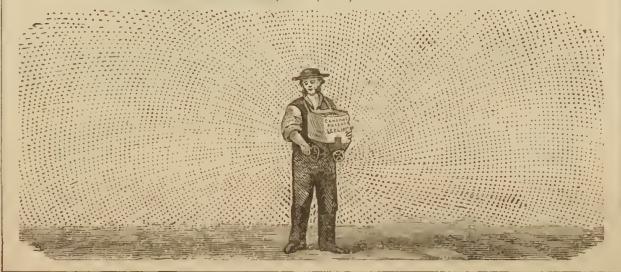
Price reduced to \$3.00

Large descriptive catalogues of the Planet Jr. Goods mailed free on application.

### PEARCE'S IMPROVED

### CAHOON'S PATENT BROADCAST SEED SOWER.

For sowing Wheat, Oats, Hemp, Barley, Rye, Buckwheat, Grass Seed, Rice, Flax, &c., &c.



This is an age of improvement. . Farmers cannot go on in the old ruts, doing their work as their fathers did it fifty years ago, but must find out and must use really valuable labor-saving machines. We do not wonder that they are afraid to buy machines that they are unacquainted with, as they have so often palmed upon them worthless machines that are of no real value to them. We are manufacturing Broadcast Seed Sowers, which have been sold in every State in the country, and also in Canada and South America, and have been found to be just what we say they are, and to do all and more than we claim for them.

The Hand Machine, at a common walking gait, sows from four to eight aeres per hour. The acknowledged superiority of these machines over all others has already placed them in the front rank of labor saving agricultural implements. A saving of four-fifths of the labor, and one-third of the seed used in hand sowing, is effected by these machines. A person entirely unused to

sowing by hand can use either machine with perfect success.

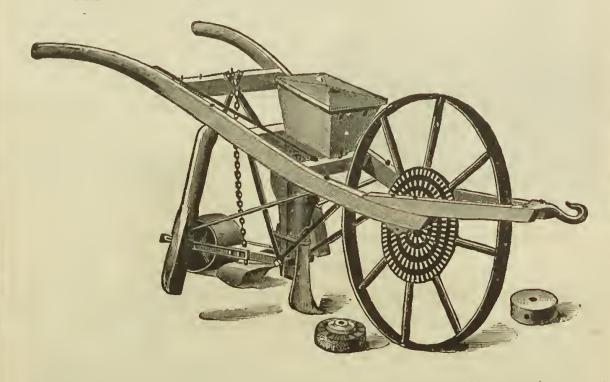
They are warranted to give perfect satisfaction, and to save their cost in less time than any other farm implement yet introduced. They are substantially built, and with ordinary eare will last many years.

PRICE LIST.

Manufacturer's Price.	J. Breck & Sons' Net Cash Price.
Hand Machine	\$6.00 \$5.50
Horse Machine	25.00 23.00

On application we will mail circulars giving full directions for use, the quantity of different seed they will sow to the acre, and other valuable information.

### ALBANY CORN AND SEED PLANTER.



The Albany Planter is sold as a plain planter, as a planter with Fertilizer Attachment, and as a planter with Fertilizer and Horse Hoe Attachment, making it the cheapest and most effective implement on the farm. It will save its cost in planting ten acres of corn. One man and a horse can plant from seven to ten acres of corn in one day with the planter, at a cost of \$3.50 to \$5.00.

### Cost to Plant Fifteen Acres by Hand:

Marking both ways, one man and horse, two and one-half days, at \$3.00 \$	\$7.50
Planting, twelve men, at \$1.00	2.00
Board for ten extra men, two meals each, at 25 cents	5.00
Wasted, one bushel of corn	1.00
Total cost by hand\$3	25.00

In addition to the above, \$1.00 to \$5.00 per acre should be allowed in favor of the planter, from being able to plant when the ground is ready, and not being obliged to wait until your neighbors are through planting before getting the help to plant by hand. A better crop is the invariable rule if the seed is all put in at once, and when the ground is in the best condition for it.

This Planter at one process opens its furrow, gauges, drops, covers the seeds and rolls them down. Also, measures and marks off the distance for the next row or drill to be planted.

It will plant all kinds of seeds, from corn, beans, peas, etc., to the smallest and varied forms of garden seeds, in hills or drills, at any distance between the seeds or hills.

With recent improvements in strength and workmanship, the manufacturers are enabled to offer this machine as the nearest perfect planter extant.

There have been more than twenty-five thousand of these planters made and sold, all of which are giving unqualified satisfaction. It may be worked by horse or hand.

It is changeable from a planter to a horse hoe, or vice versa, in two minutes time.

		PRICE LIST.	Manufacturer's	J. Breck & Sons' Net Cash Prices.
Plain	Planter			
	4.6	with either Fertilizer or Horse Hoe Attachment	23.00	21.00
6.6	**	" both " and " " "	25.00	22.50
		il free of expense descriptive pamphlets of the Alba		

### GARDEN ROLLERS.

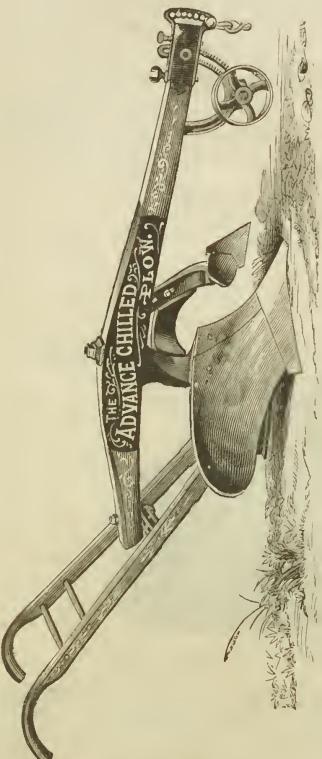


WEIGHTS KEEP HANDLE ERECT.

This implement is very valuable for use in the garden, on the lawn and around the house. With it the lawn can be nicely rolled, removing all the small stones, and the walks kept nicely smoothed. Being made of iron it does not clog as easily as a stone roller.

								PRICE			Manufacturer's Prices.	J. Breck & Sons' Net Cash Prices.
2	S	ec.	.71/2	inch face,	15 inch	diam.,	with	weights,	about	125 lbs	\$ 8.00	\$ 7.00
3		66	71/2		15	u	6.6	ii	4.6	180 "	11.00	10.00
1		64	. , –	6.	20	4.6	6.6	4.6	4.6	140 "	10.00	9.00
I		44	20	"	20	61	••	44	66	220 "	14.00	12.50
			12	64	20	44	44	44	"	300 "	18.00	16,00
_			12	44	20	64	66	44	4.6		25.00	
			12	44	24	44	6.6	44	41		13.00	
2		46	12	64	24	44	66	44	44		22.00	
_			12	44	28	44	44	44	44		16.00	
2			12	44	28	44	44	44	44		26.00	
_		44		"	28	44	4.	44	"		40.00	

### THE ADVANCE CHILLED PLOW.



A metal which will scour in any soil, wear three times as long as steel or cast iron, and have a first cost less than steel, supercedes everything in usc. The ADVANCE Plow is made of a metal produced by pouring a fine quality of iron over a chill or mould, giving it a temper harder than steel, and so arranging the particles of metal that they present a grain running through the thickness of the mould-board and always bringing the friction of the soil on the end of the fibre, thus avoiding all chance of imperfection under the surface.

The adjustable centre draft of the AD-VANCE Plow is one of its most valuable fcatures. The beam, like the tongue of a wagon, is placed in the centre of its work, hence the plow runs level and steady, and in clear ground is easily arranged so that it

will run without guiding.

It will casily run in hard baked soil where a side-beam plow cannot be used. The beam is pivoted in the centre, and can be moved at the heel to regulate the width of furrow, to attach three horses without the aid of an extra clevis, or for most plowing, to put both horses on the land.

Stubble, weeds, etc., passing over the share meet with no resistance from above or behind, and cannot choke the plow.

The jointer cuts a strip off the landside of the furrow two inches deep and five inches wide, and throws it into the furrow, where the plowed ground falling upon it buries it five to eight inches below the surface.

It has the great advantage of being attached by a patent arm directly to the stem

of the plow.

It is impossible to clog it, as there is a free passage between it and the beam for obstructions to pass.

### PRICE LIST.

No.			ize.	Mai	nufactur Prices	rer's	J. B: Net	reck & S Cash Pr	ons ices
30.	I	hors	se, med	ium,	\$6.00			\$5.50	
31.	1	66	large	3,	. 9.00			8.00	
32.	2	44			. 13.00			11.00	
33.	2	44	medi	ium	14.00			12.50	
34.	2	44	regu	lar	. 14.50			13.00	
35.	2	or 3	horse		. 15.00			13.50	
				_					

Will mail circulars of the Advance Plow on application.

### THE CENTENNIAL SWIVEL PLOW.

Superior to any other for Level Land and Hillside.

In the construction of this plow, the landside or cutting edge of the share being thrown past the centre of the beam as the plow is turned to the right or left, it becomes necessary, when a cutter is used, that it be moved from right to left, and vice versa, as the plow is changed, so that it shall be as nearly as possible on a line with the landside of the share. This is provided for by a movable cutter worked by a lever, which may be quickly shifted as the plow is reversed—thus the Swivel Plow possesses a combination of advantages which ought to recommend it to universal adoption.



### PRICE LIST.

One-Horse,	with Rigid I	Beam				 	 \$ 7.00	
One-Horse,	with Shiftin	g Beam				 	 7.50	
No. 2. Tw	o-Horse Con	iplete, w	ith Whee	d and Movab	le Cutter	 	 15.00	
No. 3. Th	ree-Hörse	6.6	6.6	6.9	6 c	 	 17.00	
No. 4. Fo	ur-Horse	6.6	6.6	6.6	6.6	 	 20.00	
				nd Cutter				
No. 14. Me	edium "	6.6	46	44		 	 13.50	
No. 25. Tv	70 Horse Coi	nplete,	with Whe	el and Jointe	r	 	 15.00	
No. 26. Th	rec-Horse	. 6	44				 17.00	

### THE TIGER RAKE.



The selection of a Sulky Hay Rake, which is now considered an indispensable implement on every well regulated farm, is a matter of considerable importance to the farmer, and should command his most careful attention. We do not claim to make the only good reliable rake on the market, but we have in the past five years made and sold over 50,000 TIGER SELF OPERATING RAKES, and if there is one of these rakes that has ever failed to do its work under any circumstances or condition of crop, or that has failed to satisfy the purchaser in every particular, we have never heard of it; and it is gratifying to know that in localities where they are already the most numerous, the demand is the greatest.

We ask those who design to purchase a hay rake for the coming harvest, to read and examine the points peculiar to the Tiger, then go to any neighbor who has used one and learn what is thought of it, for the owners of the Tiger are its friends and strongest advocates, and to them we confidently and with pleasure refer.

					CE 1	 _		Manufacturer's Prices.	J. Bree Net Car	k & Sons' sh Prices.
			 	 		 	 	\$34.00	\$3	2.00
20								35.00	3.	3.00
20								35.00 Tiger free	3.	3.00



### NELLIS'

### ORIGINAL HARPOON HORSE HAY FORK

Was awarded both the Medal of Honor and Diploma of Merit, over all the Leading Horse Hay Forks now in the market, exhibited at the Centennial Exposition. This Horse Hay Fork is more simple and durable than any other fork in use. It will handle easier and take at one time as much hay as any team can raise, leaving the rack as clean as if done with a hand fork.

Two boys and a horse can unload and mow away in a given time as much

hay or straw as ten men.

A complete outfit to unload hay, straw or similar material either in mow or on stack, or vice versa, with Nellis' patent process, viz: 1 fork, 2 grapples, 5 pulleys, to wit—2 dead-eyes, 1 swivel eye, 1 fork pulley, 1 graduating pulley, 1 floor hook, rope 34 in. diameter, best manilla, from 100 to 140 feet, graduating cord 1/2 inch diameter, trip cord 3/8 inch diameter.



Two-wheeled or Graduating Pulley.



Fork Pulley.



Dead Eye or Swivel.



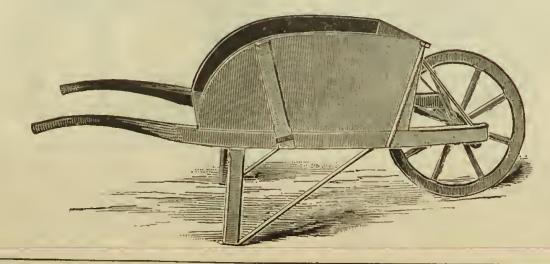
Floor Hook.



Nellis

Graduat	ing rulley. Swivel.		Grapple
	PRICE LIST.	Manufacturer's Prices.	J. Breck & Sons Net Cash Prices
Nellis	Original Harpoon Horse Hay Fork	\$10.00	\$9.30
66	Grapple and Holder, per set	2.50	2,30
	(Set includes two Grapples and one H	'older.\	
* 6	Prepared Maple Wheel Pulley, 5½ inch	50	
64	" Apple Wheel Fork Pulley	60	45
66	" Two-wheel Graduating Pulley	50	
4.6	Floor Hook	20	18
Fork a	and fixtures complete except rope	15.00	14.00
C	omplete descriptive pamphlets mailed free on application	).	4,00

### WHEEL BARROWS.



### WHEEL BARROWS.—Continued.

### PRICE LIST.

8 SPOKE.	1 2	3	.1	5	G	76
Breck Custom			7.00	8 00	9.00	12.00
Breck	.50 3.75	4.50	5.00	6.00	7.00	9.00
Monitor	.2 \$ 3.50	4.00	4.50	5.50	6.50	• •
Standard3	.00 3.25	3.75	4.25	5.25	6.25	
6 SPOKE.				•		
Peerless	3.50		4.00		4.75	
Excelsior	3.25		3.75			
Breck, No. 4, three-wheel wheelbarro			6, three-w			

$-\mathbf{B}$ :	reck,	No.	4,	three-wheel	wheelbarrow,	\$10.00	Breck, No. 6, three-wheel wheelbarrow,	\$14.00
	66	6.6	5,	çt	6.6		Extra (l'rinters') " "	25.00
								_

	$\mathbf{n}_{-t}$	J. Breck & Sons'
No. 1.	Koyal, extra heavy	\$2.00
1.	Common	2.00

### WOODEN COAL BARROWS.

												Ma	nufacturer's		Breck & Sons'
**	777		11	,									Prices.	Net	Cash Prices.
NO. 1.	T 01	350	Ibs.	coal	 	 	 	 					\$7.50		86 70
11 0	6.6	000	66	6.6				•	 	 • • •	 		*./.30		×10.75
4.		250			 	 	 	 	 	 	 		6.00		2 2 2 2
66 2	fi t	200	4.6	6.6									4-50		3. ~ 3
٦, ٥,		200			 	 	 • • •	 ٠.	 	 	 		4-50		4.00
Custom.	. "	300	1.4	- 66	 	 							9.00		8 20
		5				 	 	 	 	 	 		9.00		0.50

### THE FOUNTAIN HOSE CARRIAGE.



Patented May 1st, 1878.

### NO. 1 FOUNTAIN HOSE CARRIAGE.

An important and distinctive feature of these carriages is the unusual diameter of the reel, which takes on the hose in coils so large that the water will pass freely through it, so that instead of taking off all the hose every time it is used, it is only necessary to let off just sufficient to reach the point desired to sprinkle; when coiled up, a few turns of the reel will effectually expel the water from the hose.

In ordinary use it is not necessary to remove the nozzle from the reel or handle the hose, either when reeling off or on, or when in operation, as the reel can be fastened by a thumb screw so as to poise the nozzle to the required angle, but it can readily be detached and placed in the clasp at the top of the standard and used as a fountain if desired.

											IS			Ma	nnif Pi	facture	r's		J. I Ne	Brec t Ca	ek & S ish Pr	lons'
No.	1.	Holds	150	feet	34	inch	hose	 	 	 		 	 	 	\$	3.00		 		. 3	2.75	
6.4	2.	4.6	100	4.6	34	6.4	1.6	 	 	 		 	 	 		3.00		 			2.75	
4.4	3.	66	200	44	34	4.6	44		 	 		 	 	 		5.00		 			4.50	
6.6	4.	6.6	200	feet	i in	ch										9.00						
		6.6					44															



### JOHNSON'S

### PATENT FORCE PUMP

Has been adopted as a fire extinguisher by the War Department, Harvard College, and several towns. It is recommended by the Boston Fire Commissioners, Board of Trade and Board of Underwriters. A discount of five per cent. is made from the premiums on all new policies, where the property is protected by Johnson's pumps. For washing windows, carriages, decks of vessels, wetting sails, pumping water from boats, forcing passages in clogged water pipes, watering streets and gardens, sprinkling sidewalks, house plants, lawn shrubs, sprinkling fluids and liquids on trees, shrubs, and plants, for destroying insects, etc., it has no equal.

Nothing can excel it for all the purposes which a syringe can be used for in the greenhouse. Throwing six gallons of water per minute with ease, makes it invaluable for all kinds of irrigation.

### PRICE LIST.

Manufacturer's price...\$8.00 | J. Breck & Sons' net cash price, \$6.50

### THE IMPROVED

### DOUBLE ACTION HYDRONETTE PUMP.



The Improved Hydronette is an invaluable implement for sprinkling flowers, watering lawns, washing windows, carriages, etc. It can also be used as a fire-extinguisher.

It is made in a very durable manner, handsomely nickel plated, and cannot easily get out of order. The pump has a sprinkler and rubber hose attached.

The many uses to which it can be readily applied, commends it to every householder, to every gardener, and to every farmer.

It will water your lawn, it will water your garden, it will wash your carriage, it will clean your pipes, it will destroy the cotton worm, it will destroy worms and insects on grape vines, it will sprinkle your flowers, it will wash your windows, it will extinguish fires, it will sprinkle potato vines and destroy the Colorado beetle, it will destroy the tobacco worm.

### PRICE LIST.

Manufacturer's J. Breck & Sons' Prices. Net Cash Prices.
No. 1, Brass, nickel plated, \$8.50......\$7.00

" 2, " unpolished... 8.00...... 6.00

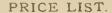
### THE MAGIC HOSE NOZZLE.

This nozzle will throw either a single jet or shower of spray, without any change of tip, by merely reversing the thumb-piece of the stopcock; its operation is truly marvelous.

A great variety of forms of spray can be produced, grading from very fine and misty to a powerful volume, thrown to an extraordinary distance, closely concentrated or very widely scattered, or it can be so adjusted as to closely imitate any of the perforated rose head or rotating sprinklers.

It is guaranteed equal to the best, as a single jet nozzle, and incom-

parably superior as a sprinkler.



									Pr	ices.	Net C	tash l	Prices.
3/1	in.	Magic	Hose	Nozzle,	long, v	vith	Screw	Tip.		\$1.00		\$	.90
3/	11		4.6	44	short,	110	4.6	- W.		.S ;			.75
				6.6									



### THE BLANCHARD CHURN.



ROUND TOP.



SQUARE TOP.

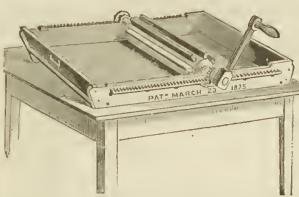
We continue to offer to the dairy public the Blanchard Churn, confident of its being the best in every particular, without exception. It has no rival in cheapness, durability, simplicity and efficiency. It is used by the best dairymen in the country, and its large and increasing sale everywhere is the best proof that it gives satisfaction. There are now in successful operation over one hundred thousand. Two styles of this churn are now manufactured as shown above. The prices are the same for each style. The genuine Blanchard Churns are made only by Porter Blanchard's Sons, Concord, N. H. Beware of imitations. You don't want a counterfeit churn any more than you want counterfeit money.

### PRICE LIST.

							FAN	IILY S	IZES	M	lanufacturer's Prices.	J. B Net	reck & Sons' Cush Prices.
No.	3.	For	up to	abou	it 2	gallons	of	crean	n		\$6.00		\$5.00
14	4.	4.6	16	- 11	4	"	4	46			7.00		6.00
44	ζ.	4.6	4.6	44	- 8	46	4.6	4.6			8.00		7.00
44	6.	46	44	4.6	12	64	66	6.6			10.00		9 00
66	7.	4.6	4.6	66	16	66	44	46			12.00		I t.00
									1 4 6 4 - 3370				

We have large sizes especially adapted to factory use. Will mail eirculars on application. Reliable Dairy Thermometers, from 25 cents to 50 cents each.

### THE REID PATENT BUTTER WORKER.



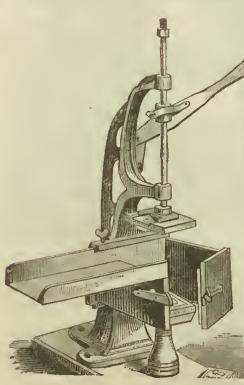
Probably there is no work that a farmer's wife has to perform that so endangers health as that of the dairy or spring house. Any invention therefore that will lesson the labor and shorten the time that she is thus employed, is certainly worthy of consideration.

In presenting our Butter Worker to the public, we think we supply a long-felt need in this respect. It is a machine that is very efficient in its work, simple in its construction, and convenient to handle; it will work a batch of butter in from three to five minutes, according to the condition of the butter, working out the butter-milk, and thoroughly mixing in the salt,

doing the work far quicker and better than it can be done by hand. It consists of a tray and a roller with paddles, which is turned by a crank, and traverses from end to end of tray. It acts on the butter on precisely the same principle as a ladle in the hands of a person, but with perfect uniformity. The machines are all built of the best material, the iron part is galvanized, preventing rust.

		PRICE LIST.		
	Size of Trny.	Will work at one time.		
1.	23 x 36 x 21/2 inch	ies50 lbs	\$10.00	\$9.00
<u>.</u> .	20 x 30 x 2 ½ "		8.00	7.00
3.	17 x 26 x 2½ "		7.00	6.00
4.	14 x 23 x 2½ "	8 "	6.00	5.00
	We can furnish l	arger sizes especially designed for facto	ory use.	9

### THE REID I X L SELF-GAUGING BUTTER PRINTER.



This machine not only prints the butter, which it does very neatly and quickly, but also weighs or gauges it into pounds or half-pounds, as desired, in one-quarter the time it can be done by hand, making neater prints and more accurate in weight. As the moulds are square, it will be found very convenient in packing for transportation.

The printer consists of a base-board 7 x 14 inches, to which is bolted an upright iron frame 20 inches high, and to this is secured the box and hopper by slots and thumbscrews, also the lever and plunger rod. The print, which constitutes the bottom of the box, has a broad handle and rests upon the base-boards. The iron parts are galvanized, consequently will not rust.

In these days of imitation and adulteration, we advise every one making butter to have their monogram or initials cut on the butter print. This would prevent imitatation. To a person making a uniform good article this would be of incalculable value.

### PRICE LIST.

	Manefi Pri	ncturer's J ices. N	. Breck & Son et Cash Prices
1	Vith one Box and Print, (either		
	1 lb. or ½ lb.)	0.00	\$9.50
1	With both 1 lb. and ½ lb. Boxes		
	and Prints	3.50	13.00
C	Carving Initials or Monogram, add	1.00	1.00

### THE REID CREAMERY.

We would respectfully call your attention to our new creamery. We claim no new discovery of principle in this invention, but use what is called the *cold deep setting system*, in which the milk is put in vessels about twenty inches deep, and set in cold water. This is an *old method*, having been practiced in Sweden, where it originated, for a long period, and used in this country for several years.

GUARANTEE.

We guarantee that milk set in our creamery will yield all its cream in less than ten hours, if the water surrounding the cans is kept at an average temperature of 45 deg. in summer and 40 deg. in winter. Success can be attained by the use of cold well or spring water, at a temperature of 50 deg. or 52 deg., but it requires the milk to stand longer,—about twenty hours.

### PRICE LIST.

		CREA	MERY NO.	I HAS	ONE	CAN,	ALL TH.	E REST	HAVE TWO.	
									Manufacturer's	J. Breck & Sons'
No.	Capacity.	No. Co	ws. He	ighth.	32.	idth.	Le	ngth.	Manufacturer's Prices	Net Cash Prices.
1.	18 quarts	I to	$-3 \cdot \cdot \cdot \cdot \cdot 39 1$	nches.	12	mche	s18	inches.	\$18.00	\$17.00
2.	36 "		639		22	6.6	18	**	25.00	23.50
									30.00	
4.	72 "	10 "	1242	• • •	24	6.0	30		35.00	33.00
6.	144 "	19 "	2412	••	24	4.6	42	• • • •	55.00	53.00
									65.00	
8.	216 "	31 "	3642	**	24	••	57		75.00	72.00
9.	252 "	36 "	4242	• •	20	,	57	.,	\$5.00	81.00
10.	288 "	42 "	4842	• • • • • • • • • • • • • • • • • • • •	27		65		95.00	91.00

### THE REID IMPROVED BUTTER SHIPPING BOX.



These boxes are made of well seasoned lumber, iron bound at the edges and capped at the corners, as shown in engraving. Detachable hinges are used for the lid, which cannot be strained or easily broken.

The trays for the butter are let down into the box one upon another, and may be put in or lifted out with the butter in them. A movable ice box is placed in the centre; when this is not in use, a strip—provided for the purpose—may be placed in the bottom of each tray to fill up the space. The four sides of the tray are surrounded by a non-conducting air space, which is valuable in preserving the temperature and saving the ice.

### PRICE LIST.

Capacii	ly.							M	n i	nnfactu Prices	Te	2°4.	5				J	. 1 (e	3r t (	eck & Sons Cash Prices	
.10	lbs	 											۰	٠.	0	٠	۰		٠	\$4.50	
																				4.75	
80	4.6		٠	 						5.50.				٠.						5.25	
																				5.50	
120	6.6			 						().00.	٠.									5.75	

On application we will mail free of expense circulars giving a full description of the foregoing dairy implements.

### C. W. PACKER'S

### "STANDARD" ICE CREAM FREEZERS,

For Families, Confectioners, Hotels, Etc.





The superiority of the principles upon which the "Packer Freezers" are constructed, and the popularity and success they have achieved during the many years they have been before the public, have earned for them the reputation of being the best Ice Cream Freezers ever introduced, and they have been awarded the highest premiums. They are made in the most durable and sub-

stantial manner, avoiding all complicated machinery, are not liable to get out of order; none but the very best materials are used in their construction, all the castings are galvanized or tinned, and the mechanical arrangements are such that they will freeze cream, fruits or water ices in the shortest possible time.

P	R	I	C	E	L	Ι	S	T	
				4					

"STANDARD" FREEZER.	DOUBLE-ACTION "STANDARD,"
Manufacturer's J. Breck & Cons	Manufacturer's J Breck & Sons' Prices. Act Cash Prices.
Prices Net Cash Prices.	Thees. Act Cash Prices.
2 Quarts\$2.25	10 Quarts, with fly wheel 16.00\$9.60
3 " 4.50 2.70	14 " " " 20.0012.00
4 " 5.50 3 30	18 " " " 25.0015.00
6 " 7.00 4.20	24 " " " 30.0018.00
8 " 9.00 5.40	32 " " " 37.5022.50
10 "	8 " " erank10.50 6.30
14 "14.00 8.40	10 " "1300 7.80
We also furnish Freezers for Confectioners	14 " " … 16.50… 9.90
use, having a capacity of 24 to 40 quarts.	18 " " "21.00.,
Will send circulars on application.	24 " "25.0015.00

### WATERS' IMPROVED TREE PRUNER.

Length	of pole	2, 4	feet,	weight	21/4	pounds	5	 	each,	\$1.75
46	G.	6	"	46	23/1	14		 	+ 6	2.00
14	66	- 8	66	44	31/2	"		 	4.6	2.25
						64				

It is the only pruner that will clip the slightest twig on extreme end of the limb; it will also cut larger wood than any other device that is practical to handle.

It weighs less, costs less, will last longer, reach higher, work easier, do more and better work than anything ever before used for pruning.

It must be seen to be appreciated.





# WINN'S PATENT SHUFFLE HOE and WEEDER.

An excellent tool for cleaning weeds from growing crops. It is a pleasure to handle it. The operator stands erect pushing the hoe before him. The turned up ends enable him to work close to the plants without disturbing them. With it a man can accomplish four times the amount of work than with the common hoe.

They are manufactured of various widths to suit the crops; if planted in rows equally distant, once pushing through the rows will clean them effectually from weeds. They are made in sizes of 6, 8, 10, 12 and 14 inches. The six inch size is designed for thinning plants in the rows.

It is a useful tool for all growing crops, and those using it cannot fail of being highly pleased with the manner it performs its work.

This tool was first introduced by us during the season of 1882, and from the success that it met with we decided to

reduce the price and increase our sales.

We are in receipt of many testimonials from those using it, as to its merits, and know from personal experience that it is all that is claimed in every respect. A trial will convince you that it is an implement you cannot afford to be without.

### PRICE LIST.

6 inch.	8 inch.	10 inch.	12 inch.	14 inch.
60 cts.	75 cts.	S <sub>5</sub> cts.	\$1.00	\$1.25

### ENGLISH CUTLERY.

### SAYNOR, COOKE & RIDAL'S

Grass and Hedge Shears.

No.	100,	73	inch	Grass	Shear	S				 	 	 Der	pair.	\$1.50
4.6	4.6	8	6.6	4.4	6.6							 6.6	66	1.60
44	_ 44	0	6.4	4.6	6+								4.6	1.00
6.6	4.6	10	44	4.6	6.6								44	2.25
64	101,	73	4.6	Hedge		Notched	1			 	 	 	6.6	1.75
4.6	66	8	66	"	64	44				 		+6	6.0	r.Sc
6.6	4.6	U.J	4.6	4.6	6.6	47							6+	2.15
66	6.6					4.4				 	 	 44	46	2.50
6.6	104,	9	4.6	Long I	landle	Border 3	Shear	rs		 		 16	6.6	3.00
3.3	6.6	10	4.6	6.6	4.6	6.6	46				 	 16	44	3.50
64	105,	9	4.6	66 46	44	44	66	with	Wheel	 	 	 6.0	**	3.50
44	46	10	6.6	44	66	6.6			4.6	 	 	 . "	4.6	4.00
						Theat	2010 00		ha wast La					

### The above cannot be sent by mail.

### WM. WILKINSON & SONS'

Sheep Shears.

No.	5, one-half polished, single spring	\$ .75	\$ 8=	5 .95
66	3770, full polished, single spring, swedged "True Vermonter," " 122, glazed blade, trowel shank, swedged"	1.25	1.30	1.45
	Add 12 cents per pair for postage.	1.00	1.15	1.25

### Florists' Seissors.

	5 in.	6 in.		
No. 112, Vine Scissorseach,		\$ .85	\$ .05	\$1.10
" 111, Flower Gatherers "		-		
		.90	1.15	1.00
" 110, Pruning or Bow Seissors "	\$ .85	1.00	1.15	

Add 6 cents per pair for postage.

### PRUNING AND BUDDING KNIVES.

### ENGLISH.

Saynor, Cooke & Ridal.—Paxton Works.

No.	190,	Buek-Ho	rn Handled	Pruning	Knives,	largeeach,	\$1.75
4.4	312,	46 66	+ 6	44	6.6	Peach "	1.50
4.6	iS7BC,	44 *44	66	4.6	46	Medium "	1.50
- 66	INB,	Budding	Knives, Ive	ery Hand	lled		1.65
4.4	323,	"	66 41			(1	1.70
44	204,	66	44 61	6.0			1.85

### AMERICAN.

### A. Burkinshaw

		221 22 (22 1111 1211 171	
No. 322, Budding, Ebo	ny Handle	, 2 bladeseach, 1 blade"	\$1.20 .80

### AMERICAN KNIFE COMPANY.

No.	141, Cocoa	Handle,	Prunning	gcaeh,	\$ .80
	141, Stag	44	66		1.25
44	142, Cocoa	46	6.6	46	1.00
"	142, Stag	66	6.6		1.50

### Add 4 cents per knife for postage.

### SYRINGES.

Tin, extra heavyeach,			
Brass, No. A, Nozzle and Rose, 12 in. long, 1 in. diameter	2.	00	)

### ENGLISH.

Brass Syringes.

All these Syringes have the side attachments to which the Roses are serewed. This is very desirable, as it prevents loss of Roses.



-		
No. 7, 16 inch Barrel, 11/4 inch diameter, straight stream and Rosepi	rice,	\$4.00
No. 3, 18 inch barrel, 1½ inch diameter, straight stream and 2 Roses	* 6	6.00
No. 4, 18 in. Barrel, 1½ inch diameter, straight stream, 2 Roses and Elbow—Improved	+4	7.00
No. 5, 18 inch Barrel, 1½ inch diameter, straight stream, 2 Roses, Knuckle Joint, and	66	8.00
Improved Ball Valve.  Syringes can best be forwarded by Express.	46	9.00



### HASELTINE'S HAND WEEDER.

A few minutes' use of this little tool in Onions, Strawberries, etc., will convince you that it is the best Weeder yet made.

Price, postpai 1.....\$0.50

### GARDEN TROWELS.

Cast Steel Polished Blades and Rivetted Shanks, of superior workmanship and finish, 5, 6, 7 and 8 inches. Price, 15, 20, 20 and 25 cents each.

Add 6 cents each for postage.



### EXCELSIOR WEEDING HOOK.

The handiest weeder ever invented. Its use prevents soiling the hands.

Add 5 cents each for postage.

### SILVER MILKING TUBES.

Price, including postage.....each \$ .75

### PRUNING TOOLS.

### TAYLOR'S PRUNING SHEARS.

These are the best cheap Pruning Shears ever invented......price per pair, \$ .75

Add 13 cents per pair for postage.

### WESTCHESTER PRUNING SHEARS.

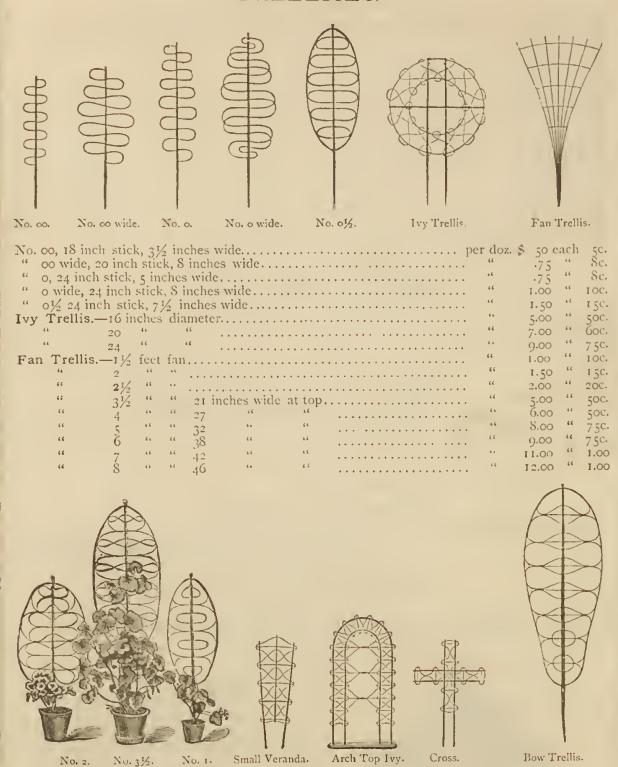


### GARDEN REELS.

### GARDEN LINES.

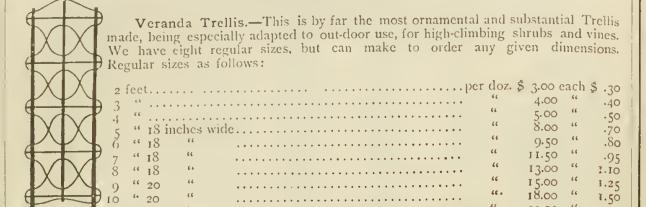
Russia Flax, 110 feet long..... Price each, \$1.00 Italian " 110 " " ..... " " .75 CottonTanned,90 " " ..... " " .60

### TRELLISES.



No. 1.—30 inch stick, 10 inches wide	er doz	\$2.00	each	.20
" 2.—30 " I.1 " "	4.6	3.50	46	.30
" 3.—36 " I2 " "	66	4.00	66	.40
" 3½.—42 " 14 " "	44	4.50	4.6	.45
Arch Top Ivy.—28 inches high, 14 inches wide, with black walnut base,	66	10.00	66	1.00
Cross.—2 feet high, 15½ inches wide	64	3.00	"	.30
" 3½ " 24 " ,	66	4.50	"	.40
Bow Trellis.—No. 4, 4 feet stick, 15 inches wide	4.6	5.00	66	.50
" " 5, 5 " 18 "	66	6.50	66	.60
" " 6, 6 " 20 "	4.6	8.00	66	.75

### TRELLISES — continued.



### STICKS. PLANT SOUARE

For Pot or Garden Use. (Painted Green.)

2 fee			1.50 2.00	4 feet 5	stick,	per 100	4.00 5.00
3		6.6	3.00	6		• • •	7.00

### ROUND PLANT STICKS.

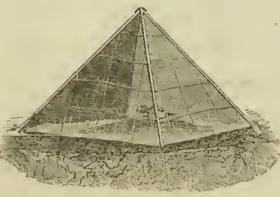
1 1/2	feet (rou	nd pain	ited)	per_100	1.50	31/2 1	feet (	round painted	d)	per 100	4.50
23/	**	66		44	2.50	5	44	44		66	6.00
3	**	"		66	3.50	Ğ	44	66	Dahlia	"	12,00

### WOOD POT LABELS.

4 inch, per 100, 25c per 1000	1.00   6 inch, per 100, 25c
Boxes containi	ing 400 assorted sizes, \$1.00.

### FOLDING PLANT PROTECTOR. BATES'

Price, 15 cents each; \$1.50 per dozen.



" 24

" 24

1.1

12

This simple arrangement not only protects Cucumber, Melon and Squash vines from bugs, borers and fowl, but subdues all violence of wind, rain and cold, keeping off light frosts, and facilitating the growth of young plants in a wonderful degree. Adding to all this their durability, portability, and cheapness, the purchaser will find he has made a good investment. They fold like an umbrella, and one dozen will make a package four inches square and twenty-two inches long. When open, they cover nineteen inches square. When folded, one

66

21.00 "

24.00

1.75

2.00

hundred and fifty can be put into a common flour barrel. With fair usage, they will last ten years, for they are made of durable netting, firmly fastened between two closely fitting pieces of wood, with tinned tacks securely clenched.

### MISCELLANEOUS ARTICLES.

There are a great many articles that are required on the Farm, Garden and Lawn that we have for sale, but have not the space in this Catalogue to describe. Following is a memoranda of some of the most useful of these. We will mail descriptive circulars and pamphlets of any of them on application.

The American Fruit Dryer or Evaporator,

Improved Ensilage and Fodder Cutters,

Stover Self Regulating Wind Mills,

Pumps of Every Description,

Hydraulic Rams.

Root Cutters, Corn Shellers and Fan Mills,

Weather Vanes and Lanterns,

Shovels, Spades and Scoops,

Whiffletrees and Eveners,

Draining Tools,

Scythes, Grass Hooks and Sickles,

Scythe Snaths, Stones and Rifles,

Davis and Wooden Lawn Rakes,

Hay Rakes and Grain Cradles,

Garden Hoes and Rakes,

Floral Tools for Children and Transplanting Forks,

Trellises and Assorted Labels,

Cast Steel Axes, Hatchets, Hammers and Saws,

Ox Yokes and Bows,

Patent Barbed Wire Fencing, &c.

### FERTILIZERS.

### STOCKBRIDGE MANURES.

Prices Reduced but Standard Maintained

These are special Manures, which are not only based on the Analysis of Crops, but are compounded with reference to the kind of Plant Food best adapted to each crop, for it is a well-known fact that the kind of Plant Food has fully as much influence on the quality and yield as the amount applied. For example: A Fertilizer composed largely of chemicals is much better for top dressing than one made up of animal matter. The Sulphate of Potash is much better for Potatoes, and also Small Fruits, than the Muriate, and a Tobacco fertilizer should be free from chlorides, like Salt or Chloride of Magnesia, in order to obtain a leaf of good color and texture. The Stockbridge Manures were the first, and are still the only ones, which recognize the principle that the kind of Plant Food is of as much importance as the quantity, and it is largely due to this fact they have been so successful in the past. For sure and profitable returns they are unequalled. They always "back the crop up" to the end of the season. While the prices have been reduced, the standard will be maintained.

The following is a list of the principal kinds:

100 lbs.....\$2.25

Indian Corn, for o	ne acre,	3 to 6 bags,	200 lbs.	each, per	bag	\$4.50
Potato,	"	2 to 4 "	41 16	4.6		4.50
Top Dressing Gras	S "	I to 2 "	66 64	4.6		5 00
Seeding Down,	44	2 to 4 "	(t ct	٤6		4 50
Forage Crops,	64	2 to 3 bags	, per bag	ğ		5.00
Onion,	64	8 to 10 "	44			4.50
Cabbage,	44	8 to 10 "	"			4.50
Root,	6.6	2 to 4 "	4.6			4.50
Strawberry,	6.6	8 to 10 "	6.6			4.50
Tobacco,	66	10 to 15 "	4.4			4.50
				7.0		

For other kinds and for special instructions, see Descriptive Pamphlet, mailed free. A tag accompanies each package, giving the guaranteed analysis and full directions for applying.

### BOWKER'S HILL AND DRILL PHOSPHATE.

### With Potash.

A GENERAL FERTILIZER FOR ALL CROPS.—It is one of the richest Phosphates made, and is a complete Fertilizer, in that it contains all the principal elements of Plant Food, and it may be used on any soil and on all crops, either with or without manure; but, as its name indicates, it is made more especially to be used in the Hill or Drill, to give crops an early and vigorous start. It is not a stimulant, but is Plant Food in a form easily and quickly taken up by plants, the same as milk is food for man easily and quickly digested. Next to the Stockbridge Manures, there is no other brand of Fertilizer which will give the New England farmers so much satisfaction as the Hill and Drill Phosphate, and as it comes some cheaper than the Stockbridge Manures, it will be found, for the general farmer who has considerable stable manure, a very economical Fertilizer to buy.

### BOWKER'S ANIMAL FERTILIZER.

This Animal Fertilizer has the highest average valuation of any Animal Fertilizer inspected for the past seven years by Dr. Gressmann, the Massachusetts Inspector of Fertilizers. It was the first Animal Fertilizer ever sold in New England. It is made of the refuse blood, meat and bone of the cattle slaughtered at the Brighton Abattoir, to which is added Potash and also Sulphuric Acid to render the bone more available, and make the Fertilizer better adapted for hoed crops.

1 ton.....\$40.00

### PURE GROUND BONE.

3 to 4 per cent. Ammonia, 20 to 25 per cent. Phosphoric Acid. This is an excellent quality of bone, absolutely pure, and ground very fine. We warrant it to be pure and as good bone as is sold in any market.

Price in bbls. of about 225 lbs. each, per ton\$2	10.00
Single bbls., per lb	2½c.

### BOWKER'S LAWN DRESSING.

Do not disfigure your Lawns, Grass Plats, or Cemetery Lots with strong, offensive manure, full of weed seeds. This Dressing is so prepared that it acts gradually through the season, producing a luxuriant growth of grass of a rich green color. It has been extensively used for many years on Lawns about Boston, New York, and other cities, and also on the l'ublic Squares, and universally liked. It is far superior to lumpy, straw manure, which disfigures the lawn with filthy materials, giving off an offensive odor; and is less expensive than manure, the cost of the dressing being less in many cases than the cost of applying stable manure. It is odorless, and so clean that any member of the family can apply it. It contains no weed seeds found always in manure, and which are the pests of the lawn; and is worth all it costs, if only for the rich color which it imparts to the grass. It may be applied at any time during the Spring, Summer, or Autumn, or as often as the grass seems to need nourishment. It will restore many lawns to full luxuriance that have been nearly ruined by the hot sun and drought of our summers. Full but simple directions accompany each package.

Trial bags for 1,000 square reet.....\$0.50 50 lb. bags for 5,000 square feet.....\$1.75 2,500 " " ...... 1.00 100 " " 4 acre, ........3.00

### BOWKER'S KITCHEN-GARDEN FERTILIZER.

Cheaper and more easily applied than stable manure, and free from weed seeds. This is made for a general kitchen-garden manure, and may be used on all garden crops, vegetables, fruits, etc., in place of stable dung. It is cheaper, much more easily applied, free from weed seeds, and will give as large crops, always as good, and generally of better quality and an earlier growth, than stable manure. It has very little odor, clean to handle, and very easily applied. Every one who has a garden should give it a trial.

25 lbs. for 600 square feet......\$1.00 100 lbs. for 2,500 square feet.....\$3.00 50 " "1,200 " " 1.75 200 " " 1,500

### BONE MEAL FOR CATTLE.

An article that every owner of stock should use to feed. This is made from clean pones ground fine and perfectly sweet.

### CHICKEN BONE.

### PERUVIAN GUANO.

For forcing early vegetables, or second garden crops, the brand "No. 1, Guaranteed," Peruvian Guano, is especially recommended. It is generally used by florists, and nothing is better for house plants than a weak solution applied once or twice a week.

 Price, per ton, in 200 lb. bags.
 \$60.00

 " 200 lb. bag.
 6.00

 " 100 "
 4.00

 " 1 lb. package.
 100.

### BOWKER'S AMMONIATED FOOD FOR FLOWERS.

A Fertilizer made expressly for plants grown in the house, garden, or conservatory; clean, almost odorless, and producing healthy, luxuriant plants, free from vermin, and early and abundant blossoms of tich and brilliant color.

For a long time there has been a great want among florists and ladies, who delight to grow flowers, for some kind of dressing that shall not only produce healthy plants, free from vermin, and abundant, early blossoms, but which at the same time may be easily applied, without offensive odor, or without injury to plants.

In this Ammoniated Food, ladies and florists will find this want met. It is made expressly for flowers grown in the house, garden, or conservatory, and contains the same plant food as stable

manure, but in a cleaner, more concentrated and more soluble form.

This Flower Food gives off no offensive or unhealthy odor, and being immediately soluble and ready for the plants to take up, produces a much quicker and healthier growth, earlier and more abundant blossoms, and of a richer and more brilliant coloring than stable manure, guano, or any other dressing that has ever been prepared.

# HAMMOND'S SLUG SHOT

AN

# INSECTICIDE AND FERTILIZER.

READY FOR USE AND SAFE.

GUARANTEED TO DESTROY

POTATO BUGS, CHINCH BUGS, ROSE BUGS,

AND ALL LICE, WORMS OR CATERPILLARS,

Upon Melons, Cucumbers, Squash or 'Grape Vines, Tobacco, Cotton or Egg Plants, Currants, Fruit or Ornamental Trees, and all Shrubs and Flowering Plants.

Put up in 5 and 10 lb. packages. Barrels of 225 lb. bulk.

The above preparation will meet a long felt want for the destruction of every troublesome insect that intest Shrubs, Vines, Trees, and Vegetables, being SAFE to nandle, and a Fertilizer as well as Destroyer. Catalogues, giving full directions and many testimonials, mailed free on application.

Price in	barrels of	about	225	lbs.	•					per lb.,	.04
10 lbs.	in package	•			•	•	•	•	•		.50
5 "	tt	•		•			٠				.30
Bellows	suitable for	applyi	ng th	ie abo	ve				•		.75

### PRUSSIAN ARMY HARNESS OIL BLACKING.

A clean, pure article, free from acids, for rendering Harnesses, Carriage Tops, and all Black Leather Goods soft, black, and waterproof.

Its increasing popularity is its best endorsement.

This Oil is used by the Fire Departments of New York, Jersey City, Boston, Manchester, N. H., and many other cities; by Horse Railway Companies, Express Companies, Teamsters, and Hack and Private Stables throughout the country, and is everywhere highly satisfactory.

All sizes, from pints to barrels.

DIRECTIONS—Have your Harness clean and apply with sponge or brush. Rub the Leather after application.

NO SMUTTING. NO GUMMING. NO CRACKING

Gallons and quarts, \$1.50 and 50c.; sent C. O. D., Express paid.



### MAMMITINE,

### PRUSSIAN REMEDY FOR GARGET IN COWS.

An article of intrinsic value, which will meet a want long felt by all dairymen and farmers for its entire cure. It is safe and reliable. Will reduce swelling in udders, remove bunches, cure bloody and stringy milk, etc. In fact, GARGET in every form has been cured by this remedy. If taken in time—before the cow comes in—it will many times restore blind teats to their full extent. It is prepared expressly to relieve certain glands that are always inflamed when a cow is suffering from this cause. Cure Warranted.

Sample packages (for 12 doses) sent on receipt of \$1.00, or will send C. O. D., Express paid.



# MORRILL'S Canker Worm Exterminator.

A Sure Protection for Fruit and Ornamental Trees from the Ravages of the Grub and Canker Worm.

As easily applied as paint or white wash, by first placing a band of tarred paper six inches in width, securely fastened around the tree four feet above the ground, and cover the paper thoroughly with the Exterminator, using a common paint brush.

### PRICES:

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MENV YOUR BOTHLY

LIBRARY
NEW YORK
BOTANICAL
GARDEN



# . \$200.00 IN CASH PREMIUMS

FOR THE LARGEST YIELD OF

# PEARL OF SAVOY POTATOES.



### THE PEARL OF SAVOY POTATO.

This new variety is the earliest in cultivation; originated and offered by us for the first time, is the result of a Hybridization of the two favorite sorts, CLARK'S No. 1 and ENTRA EARLY VERMONT. It retains the good qualities of both, and is a great improvement over either sort. The tubers are oblong, fair, and of large size; the flesh is of a most beautiful pearl white, and its hardy, vigorous habit exempts it from disease when many old varieties succumb; it is from tifteen to twenty days earlier than the Early Rose, and is very productive, yielding from 450 to 500 bushels per acre, under favorable conditions. We have but a limited quantity of this superior new sort, and would advise early orders from all wishing to try it this year. Orders will be filled in rotation as soon as the weather will permit.

### CAUTION

The extreme earliness, wonderful productiveness and superior quality attending the introduction of the Pearl of Savoy Potato may induce unprincipled parties to sell other Potatoes under the name of Pearl of Savoy. We hereby caution those desiring to compete for Premiums that the Potatoes must be obtained direct from us or our agents.

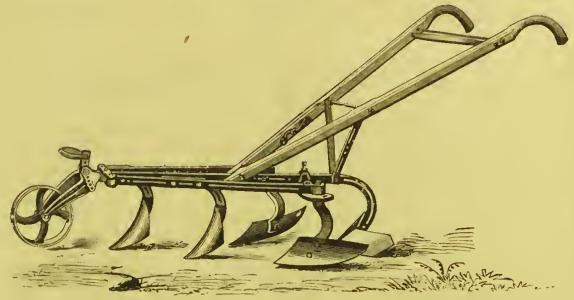
### PRICE:

Per Peck, 75 cents; per Bushel, \$2.50; per Barrel, \$5.00.

# THE BEST IMPLEMENTS

--- FOR THE---

Cultivation Pearl of Savoy Potato.



For the Cultivation of the PEARL OF SAVOY, there is no tool so well adapted as the

# Planet Jr. Combined Horse Hoe, Cultivator, Plow & Coverer,

SHOWN IN THE ABOVE CUT.

It has now become well known all over the United States, and has given unbounded satisfaction and received unmistakable marks of favor wherever used. It is constructed almost entirely of wrought iron and steel, and for superiority of workmanship it is unequalled.

By the means of the numerous changes, which are easily made by the use of a wrench, it performs almost every kind of one-horse cultivation. For the cultivation of POTATOES it is unexcelled, for by carefully following the directions it will do all the work that is necessary to the crop, from the time of planting until the crop arrives at maturity.

Do not be deceived by purchasing any imitation of the PLANET Jr., as there are many such through the New Eugland States, for it will only be a cause of annoyance to you while in your possession.

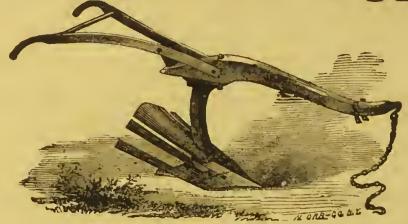
Large Catalogue of the Planet Jr. Goods mailed on application.

PRICE LIST.	Prices.	J. Breck & Sons' Net Cash Prices.
Planet Jr. Combined Horse Hoe and Cultivator, Packed, Weight 60 lbs.	\$11.00	\$10.25
With Wheel packed, Weight 70 lbs.	12.25	11.50
Planet Jr. Combined Horse Hoe, Cultivator and Coverer, packed, Weight 90 lbs.		14.00
Planet Jr. Plain Horse Hoe, packed, Weight 55 lbs.	10.00	9.50
Planet Jr. Plain Cultivator, packed, Weight 55 lbs.	8.00	7.50

# FOR HARVESTING YOUR CROP

---USE THE---

# New York Potato Digger.



This is the Best Potato Digger yet invented, and when properly worked will pay for itself several times over in a single season.

The standard is high, so as to allow of its working freely without clogging from weeds and potato vines, but, in harvesting for an early market, when the vines are long and still green, the work will be much facilitated by cutting these and removing them from the rows.

### DIRECTIONS FOR USE.

Gauge the clevis so that the share will run about one inch deeper than the potatoes, and directly under them. Keep the point of the share as near the centre of the hills or row as possible. The soil and potatoes are by these means turned completely over, the latter on top. As the plow moves along, shake it occasionally to clear the rubbish. If the soil is a stiff clay, or somewhat wet, the Potato Digger may work better with the centre or second prongs removed, or with a narrow one, or one made of seven-eighths inch round iron, which can be furnished to order or which any blacksmith can make.

	Manufacturers* Prices.	J. Breek & Sons' Net Cash Prices.
Price, Wood Beam,	\$12.00	\$11.00
" Iron Beam Potato Digger, -	8.00	7.00

### NOTICE!

Although the foregoing descriptions apply to tools especially adapted to the cultivation of the Potato, PLEASE DO NOT FORGET that we keep in stock, and are prepared to supply our customers with the most Improved Tools and Machinery for use on the Farm, Garden and Lawn.

If you are in want of anything not described in our Catalogue, write or call on us and we will be only too happy to give you information or to supply your needs.

For the quality of all our goods you will find our prices to be exceedingly low.

### THE BOWKER FERTILIZER CO.,

Having discussed from time to time in their pamphlets the best methods of raising Potatoes, and also the best method of cutting them, have this year, in conjunction with ourselves, in order to encourage farmers to test this splendid variety, and the efficiency of the STOCKBRIDGE POTATO MANURE, decided to offer Premiums to the amount of

# \$200.00 FOR THE LARGEST CROP

PRODUCED FROM

### One Bushel of Pearl of Savoy Potatoes,

the same to be grown entirely on the STOCKBRIDGE POTATO MANURE, which has proved a great success on Potatoes.

### THE PREMIUMS TO BE DIVIDED AS FOLLOWS:

\$100.00 for the largest yield. \$50.00 for the second largest yield. \$35.00 for the third largest yield. \$15.00 for the fourth largest yield.

All competitors for the Premiums mentioned above, must send us a sworn certilicate, by November 1st, 1884, of the amount of Potatoes planted, an average sample of the crop, of whom procured, and the number of bushels produced, and that the STOCKBRIDGE POTATO MANURE was used in their cultivation; such certificate to be sworn to before a Justice of the Peace residing in the town where the Potatoes are grown, and witnessed by two citizens. A Committee of four, selected from the

## Massachusetts Horticultural Society,

will decide to whom the prizes shall be awarded, and will do so on or before November 15, 1884.

Our Elegantly Illustrated Catalogue for 1884, containing 136 pages of New and Choice Varieties of Vegetable, Field, and Flower Seeds, with Colored Plate of the new Potato, PEARL OF SAVOY, also a large line of Agricultural Implements and Machines, will be mailed free to all applicants. It will not be necessary for customers of 1883 to apply, as it will be sent without.

# JOSEPH BRECK & SONS,

51, 52 & 53 North Market St., Boston, Mass.

# JOSEPH BRECK & SONS,

51, 52 & 53 N. Market St.,

Boston, Mass.